

APPLICANT:	Tang, Y. Tom
APPLICANT:	Liu, Chenghua
APPLICANT:	Asundi, Vinod
APPLICANT:	Zhang, Jie
APPLICANT:	Ren, Feiyan
APPLICANT:	Chen, Rui-hong
APPLICANT:	Zhao, Qing A.
APPLICANT:	Wehrman, Tom
APPLICANT:	Xue, Aidong J.
APPLICANT:	Yang, Yonghong
APPLICANT:	Wang, Jian-Rui
APPLICANT:	Zhou, Ping

668 TGCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTTGGAGCTA 727  
Db TGCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACACATTTTGGAGCTA 850  
728 CTACTGCAAAATGTACATTTGGTTTCGAACCTGCAATATATCAGTGGGACGATATGACTGTAT 787  
Db CTACTGCAAAATGTACATTTGGTTTCGAACCTGCAATATATCAGTGGGACGATATGACTGTAT 910  
788 AGATATAAATGAATGTACTATGGAATAGCATATCAGTGGGACGATATGACTGTAT 847  
Db AGATATAAATGAATGTACTATGGAATAGCATATCAGTGGGACGATATGACTGTAT 970  
848 TACCCAGAGGCTCTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGCACTTCGGTG 907  
Db TACCCAGAGGCTCTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGCACTTCGGTG 1030  
908 TTCTGCTATCCCTGAAATTTCTGTGAAGAACTCTCAGAGCACTCTGGTACCAATCAAGA 967  
Db TTCTGCTATCCCTGAAATTTCTGTGAAGAACTCTCAGAGCACTCTGGTACCAATCAAGA 1090  
968 CAGAAATCAAGAATTTGCTTCTCACAATAACAGCATGAAAAGGCAAAATTAATAA 1027  
Db CAGAAATCAAGAATTTGCTTCTCACAATAACAGCATGAAAAGGCAAAATTAATAA 1150  
1091 CAGAAATCAAGAATTTGCTTCTCACAATAACAGCATGAAAAGGCAAAATTAATAA 1150  
1028 TGTATCCCCAGAAACCCACAGGACTCTCACCCTTAAGGTGAATTTGAGGCCCTTCAACTA 1087  
Db TGTATCCCCAGAAACCCACAGGACTCTCACCCTTAAGGTGAATTTGAGGCCCTTCAACTA 1210  
1151 TGTATCCCCAGAAACCCACAGGACTCTCACCCTTAAGGTGAATTTGAGGCCCTTCAACTA 1210  
1088 TGAAGAGATAGTTTCCAGAGCGGAACTCTCATGAGGATTAATAAGGCAATGAAGAG-A 1146  
Db TGAAGAGATAGTTTCCAGAGCGGAACTCTCATGAGGATTAATAAGGCAATGAAGAG-A 1270  
1211 TGAAGAGATAGTTTCCAGAGCGGAACTCTCATGAGGATTAATAAGGCAATGAAGAG-A 1270  
1147 AATGAAGAGGCGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206  
Db AATGAAGAGGCGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330  
1271 AATGAAGAGGCGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330  
1207 GGAGCGAAGCTCGAGGAGATGTGTCTTCTTCCCTAAGGTGAATGAAGCAGTGAATTCGG 1266  
Db GGAGCGAAGCTCGAGGAGATGTGTCTTCTTCCCTAAGGTGAATGAAGCAGTGAATTCGG 1390  
1267 CTTGATTCCTGCTCCAAAG 1323  
Db CTTGATTCCTGCTCCAAAG 1450  
1391 CTTGATTCCTGCTCCAAAG 1450  
1324 TATCTCGGTTGATGAGCTTCAATCATGGGATCTGCTGCACTGGAACAGAGATAGAGA 1383  
Db TATCTCGGTTGATGAGCTTCAATCATGGGATCTGCTGCACTGGAACAGAGATAGAGA 1510  
1451 TATCTCGGTTGATGAGCTTCAATCATGGGATCTGCTGCACTGGAACAGAGATAGAGA 1510  
1384 TGAATTTGATGAGATCTGCTGATGAGATATGCTATTCGCTTCTATATGCGAGTTCC 1443  
Db TGAATTTGATGAGATCTGCTGATGAGATATGCTATTCGCTTCTATATGCGAGTTCC 1570  
1511 TGAATTTGATGAGATCTGCTGATGAGATATGCTATTCGCTTCTATATGCGAGTTCC 1570  
1444 GGCTTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCTGCA 1503  
Db GGCTTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCTGCA 1630  
1571 GGCTTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCTGCA 1630  
1504 ACCCAAAGCACTTCTGTTGCTTCTGATTAACCGGCTGCGGAGAGACAAAGTCGGAA 1563  
Db ACCCAAAGCACTTCTGTTGCTTCTGATTAACCGGCTGCGGAGAGACAAAGTCGGAA 1690  
1631 ACCCAAAGCACTTCTGTTGCTTCTGATTAACCGGCTGCGGAGAGACAAAGTCGGAA 1690  
1564 ACTTCGAGTGTGTTGAAAAACAGTAACAACTGCTGCGATGGGAGAGACAGAGTGA 1623  
Db ACTTCGAGTGTGTTGAAAAACAGTAACAACTGCTGCGATGGGAGAGACAGAGTGA 1750  
1691 ACTTCGAGTGTGTTGAAAAACAGTAACAACTGCTGCGATGGGAGAGACAGAGTGA 1750  
1624 GGATGAAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTTACCAAAAG 1693  
Db GGATGAAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTTACCAAAAG 1810  
1684 CATCATTTTGAAGCAGAGAGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGTGGCGT 1743  
Db CATCATTTTGAAGCAGAGAGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGTGGCGT 1870  
1811 CATCATTTTGAAGCAGAGAGTGGCAAGGCAAAACCGGCGAAATCGCAGTGGTGGCGT 1870  
1744 CTTGCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTACT 1803

Db 1871 CTGCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGGATGACTGAATGTACT 1930  
Qy 1804 ATCTTTATATTTGACCTTGTATGTCAGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1863  
Db 1931 ATCTTTATATTTGACCTTGTATGTCAGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1990  
Qy 1864 CTCTGGCATTTTGAATTTACTAGTCTGAAATTTGTAATGTACCAACAGAAAAATATTATCT 1923  
Db 1991 CTCTGGCATTTTGAATTTACTAGTCTGAAATTTGTAATGTACCAACAGAAAAATATTATCT 2050  
Qy 1924 AAGATGCTCTTCTTTGTAATGATATGCAATATTTGCTTTTAAATATCATATCACTGATC 1983  
Db 2051 AAGATGCTCTTCTTTGTAATGATATGCAATATTTGCTTTTAAATATCATATCACTGATC 2110  
Qy 1984 TTCTCAGTCACTTTCTGATCTTTTCCCATTTATTTAAATTTGAAATGTCAGTTTAT 2043  
Db 2111 TTCTCAGTCACTTTCTGATCTTTTCCCATTTATTTAAATTTGAAATGTCAGTTTAT 2170  
Qy 2044 CTCCCTCTCTCTGATATCTGATTTGTATATGATGCTTCTCTCTTACCAAT 2103  
Db 2171 CTCCCTCTCTCTGATATCTGATTTGTATAAGTAACTTCTCTTACCAAT 2230  
Qy 2104 TTCTAGAAATAGAAAAAAGCAAGCAAGAAATTTTAACTGCTTCTTATGATCT 2163  
Db 2231 TTCTAGAAATAGAAAAAAGCAAGCAAGAAATTTTAACTGCTTCTTATGATCT 2290  
Qy 2164 TCTTGGAACTATGACATCAAGATAGACTTTTGGCTTAACTGCTTCTTCTTCTTCA 2223  
Db 2291 TCTTGGAACTATGACATCAAGATAGACTTTTGGCTTAACTGCTTCTTCTTCTTCA 2350  
Qy 2224 TAGCCAACTTGTATATTT-AACTTTTGTAAATAA 2260  
Db 2351 TAGCCAACTTGTATATTTAAATTTTGTAAATAA 2388

## RESULT 2

US-09-249-697A-18  
; Sequence 18, Application US/09249697A  
; Patent No. 6392018  
; GENERAL INFORMATION:  
; APPLICANT: Pord, John  
; APPLICANT: Yeung, George  
; TITLE OF INVENTION: NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL  
; TITLE OF INVENTION: LIVER SPLEEN  
; FILE REFERENCE: 24011-727  
; CURRENT APPLICATION NUMBER: US/09/249,697A  
; CURRENT FILING DATE: 1999-02-12  
; PRIOR APPLICATION NUMBER: US 08/968,800  
; PRIOR FILING DATE: 1997-11-22  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq For Windows Version 3.0  
; SEQ ID NO 18  
; LENGTH: 2365  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (205)..(1863)  
US-09-249-697A-18

Query Match 96.3%; Score 2176.6; DB 4; Length 2365;

Best Local Similarity 99.0%; Pred. No. 0;

Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;

Qy 8 GTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGAGAGAGAGAGCGCGCTTAGC 67  
Db 78 GTAACTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGAGAGAGAGAGCGCGCTTAGC 137  
Qy 68 TGTACGGGGTCCCGCCCGCGCTTCCCGAGGGGGGCTCAGGAGGAGAGAGAGAGAGAGAG 127  
Db 138 TGTACGGGGTCCCGCCCGCGCTTCCCGAGGGGGGCTCAGGAGGAGAGAGAGAGAGAGAG 197







```

Db      1818  GCTTGTTCAGGCTTAGTCCAGATAGCTTTATCTGTGATGACTGAATGTACTATC 1877
Qy      1807  TTATATTTGACTTTGTATGTTCAGTTCCTGGTTTTTTTGTATTTGATCATAGGACCTC 1866
Db      1878  TTATATTTGACTTTGTATGTTCAGTTCCTGGTTTTTTTGTATTTGATCATAGGACCTC 1937
Qy      1867  TGGCATTTTGTAGATTAATCT-AGCTGAAATATCTAATGTACCAACAGAA-TATTATTGTA 1924
Db      1938  TGGCATTTTGTAGATTAATCTAAGCTGAAATATCTAATGTACCAACAGAA-TATTATTGTA 1997
Qy      1925  AGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGTATCT 1984
Db      1998  AGATGCTTTTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGTATCT 2057
Qy      1985  TCTCAGTCAATTTCTGAACTTTTCCNCAATATATTAATAAATNTGGAAATGCA-GTTTAT 2043
Db      2058  TCTCAGTCAATTTCTGAACTTTTCCNCAATATATTAATAAATNTGGAAATGCA-GTTTAT 2117
Qy      2044  CTCCTCTCTCNGTATATCTGATTTGTATANGTANGTGTGATGNGCTTCTCTTCAACAT 2103
Db      2118  CTCCTCTCTCAGTATATCTGATTTGTATAGTATAGTATGATGCTTCTCTCAGAT 2177
Qy      2104  TTCAGAAATAGAAATAAAGACAGAGAAATGTTTAACTGTTTGAATCTTTATGATACT 2163
Db      2178  TTCAGAAATAGAAATAAAGACAGAGAAATGTTTAACTGTTTGAATCTTTATGATACT 2237
Qy      2164  TCTTGAAATATGATATCAATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGGCTTTCA 2223
Db      2238  TTTTGAAATATGATATCAATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGGCTTTCA 2297
Qy      2224  TAGCCAACTCTGATATTT-AACTTTTGTAAATAAA 2260
Db      2298  TAGCCAACTCTGATATTTAAATTTCTTTGTAATAAA 2335

```

```

RESULT 4
US-09-249-697A-5
; Sequence 5, Application US/09249697A
; Patent No. 6392018
; GENERAL INFORMATION:
; APPLICANT: Yeung, George
; TITLE OF INVENTION: NOVEL EGF MOTIF PROTEIN OBTAINED FROM A CDNA LIBRARY OF FETAL LIVER SPLEEN
; FILE OF INVENTION: 24011-727
; CURRENT APPLICATION NUMBER: US/09/249,697A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 08/968,800
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2365
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (205)...(1866)
US-09-249-697A-5

```

```

Query Match      96.2%; Score 2174.6; DB 4; Length 2365;
Best Local Similarity 98.9%; P-red. No. 0;
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;

Qy      8  GTGGGTGCGAGTGGACGGAGACCGGCGCTTAGAGAGAGAGAGCGCGCGCTTAGC 67
Db      78  GTAACTGCGAGTGGACGGAGACCGGCGCTTAGAGAGAGAGAGCGCGCGCTTAGC 137
Qy      68  TGTACGGGGTCCGGCGCGCGCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGAGAG 127
Db      138  TGTACGGGGTCCGGCGCGCGCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGAGAG 197

```

```

Qy      128  TCGAGAAATGCTCTGTGCCCTCGAGACCTTGGCTCCCGCTGCTGCTCTCTGCGGCGAGG 187
Db      198  TCGAGAAATGCTCTGTGCCCTCGAGACCTTGGCTCCCGCTGCTGCTCTCTGCGGCGAGG 257
Qy      188  TGGTTTTCGGAAACGGCGCCAGTGCAGGATCAGCGGTGTTTGTAGCATCGGCACGTGAGCC 247
Db      258  TGGTTTTCGGAAACGGCGCCAGTGCAGGATCAGCGGTGTTTGTAGCATCGGCACGTGAGCC 317
Qy      248  TGGGTCTGTCTATATGAACTAAACTGCGCTGCTGTACGGCTGGAGAGAAACAGCAA 307
Db      318  TGGGTCTGTCTATATGAACTAAACTGCGCTGCTGTACGGCTGGAGAGAAACAGCAA 377
Qy      308  GGGAGTCTGTGAAGCTCATCGCAACCTGGAATGTAAGTGTGTTGAGTGGGACCAA 367
Db      378  GGGAGTCTGTGAAGCTCATCGCAACCTGGAATGTAAGTGTGTTGAGTGGGACCAA 437
Qy      368  CAAATGCAAGTCTTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGAATGAGTG 427
Db      438  CAAATGCAAGTCTTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGAATGAGTG 497
Qy      428  TGGAAATGAAACCCCGGCTATGCCAACHACAGATGTGTAATACACACCGAAGCTTACAGTG 487
Db      498  TGGAAATGAAACCCCGGCTATGCCAACHACAGATGTGTAATACACACCGAAGCTTACAGTG 557
Qy      488  CTTTTCCTCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTCTAGGACATG 547
Db      558  CTTTTCCTCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTCTAGGACATG 617
Qy      548  TGCATATGATTAATCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATG 607
Db      618  TGCATATGATTAATCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATG 677
Qy      608  TCATCTCTCAGGACTTCCGCTGGCCCAATGGAAGAGAGAGAGAGAGAGAGAGAGAGAG 667
Db      678  TCATCTCTCAGGACTTCCGCTGGCCCAATGGAAGAGAGAGAGAGAGAGAGAGAGAGAG 737
Qy      668  TGCCTCTGTTAAAGTCAATCTCTCCCTACATCGAAGATGTGTGAACACACATTTGGAAGCTA 727
Db      738  TGCCTCTGTTAAAGTCAATCTCTCCCTACATCGAAGATGTGTGAACACACATTTGGAAGCTA 797
Qy      728  CTACTGCAAAATGTCAATTTGTTTTCGAATCTGCAATATATCAGTGGACGATGATGATGAT 787
Db      798  CTACTGCAAAATGTCAATTTGTTTTCGAATCTGCAATATATCAGTGGACGATGATGATGAT 857
Qy      788  AGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847
Db      858  AGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 917
Qy      848  TACCAAGGGTCTCTCAAGTGTAAATGCAAGAGGGGATATAAGGCAATGAGCTTGGTG 907
Db      918  TACCAAGGGTCTCTCAAGTGTAAATGCAAGAGGGGATATAAGGCAATGAGCTTGGTG 977
Qy      908  TTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGTTACCAATAAGA 967
Db      978  TTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGTTACCAATAAGA 1037
Qy      968  CAGATCAAGAGTGTCTCTCAAAACACAGATGATGATGATGATGATGATGATGATGATGAT 1027
Db      1038  CAGATCAAGAGTGTCTCTCAAAACACAGATGATGATGATGATGATGATGATGATGATGAT 1097
Qy      1028  TGTACCCCGAGAACCCACAGGACTCTACCTTAAGGTGAACTTGCAGCCCTTCAACTA 1087
Db      1098  TGTACCCCGAGAACCCACAGGACTCTACCTTAAGGTGAACTTGCAGCCCTTCAACTA 1157
Qy      1088  TGAAGAGATGTTTTCAGAGCGGGGAACTCTCATGAGGTGATGATGATGATGATGATGATGAT 1146
Db      1158  TGAAGAGATGTTTTCAGAGCGGGGAACTCTCATGAGGTGATGATGATGATGATGATGATGAT 1217
Qy      1147  AATGAAAGAGGGGCTTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1206
Db      1218  AATGAAAGAGGGGCTTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1277
Qy      1207  GGAGGAAAGCTCGAGAGAGATGTTTTCCTTAAGGTGAAATGAAGAGAGAGTGAATTCGG 1266

```



Db	678	TCCATCCTCAGGACTCCGCTGGCCCCCAATGAGAGACTGCTAGATATTGATGATG 737
Qy	668	TCCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACATTTGGAAGCTA 727
Db	738	TSCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACATTTGGAAGCTA 797
Qy	728	CTACTGCAAAATGTCACATTTGGTTTTCGAACTCGCAATATATCAGTGCAGCATGATGACTGTAT 787
Db	798	CTACTGCAAAATGTCACATTTGGTTTTCGAACTCGCAATATATCAGTGCAGCATGATGACTGTAT 857
Qy	788	AGATATAAATGAATGTATCTATGATPAGCATACGTGCGAGCCACCATGCCAAATGCTTCAA 847
Db	858	AGATATAAATGAATGTATCTATGATPAGCATACGTGCGAGCCACCATGCCAAATGCTTCAA 917
Qy	848	TACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGACTTCGGTG 907
Db	918	TACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGACTTCGGTG 977
Qy	908	TTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTCGTACCATCAAAGA 967
Db	978	TTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTCGTACCATCAAAGA 1037
Qy	968	CAGATCAAGAGTGTCTGCTCACAATAACAGCATGAAAGAGGCAAAATTAATAA 1027
Db	1038	CAGAATCAAGAGTGTCTGCTCACAATAACAGCATGAAAGAGGCAAAATTAATAA 1097
Qy	1028	TGTTATCCCCAGAACCCACAGAGCTCTTACCCCTTAAGGTGAATTTGAGCCCTTCAACTA 1087
Db	1098	TGTTATCCCCAGAACCCACAGAGCTCTTACCCCTTAAGGTGAATTTGAGCCCTTCAACTA 1157
Qy	1088	TGAAGAGATAGTTTCCAGAGGGGGAATCTCATGGAGGTAAATAAGGAATGAGAG-A 1146
Db	1158	TGAAGAGATAGTTTCCAGAGGGGGAATCTCATGGAGGTAAATAAGGAATGAGAGAA 1217
Qy	1147	AATGAAGAGGGGCTTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGATGATGA 1206
Db	1218	AATGAAGAGGGGCTTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAGATGATGATGA 1277
Qy	1207	GGAGCGAAGCCTCGAGGAGATGTGTTTTCCTTAAGGTGAATGAGCAGGTGAATTCGG 1266
Db	1278	GGAGCGAAGCCTCGAGGAGATGTGTTTTCCTTAAGGTGAATGAGCAGGTGAATTCGG 1337
Qy	1267	CTGTATTCGTGCTCAAGAGGAAGCGCTAACTTCCAAACTGGAACATAAAGATTTAAATAT 1326
Db	1338	CTGTATTCGTGCTCAAGAGGAAGCGCTAACTTCCAAACTGGAACATAAAGATTTAAATAT 1397
Qy	1327	CTCGGTTGATCGAGCTTCAATCATGGGATCTGTGA CTGGAACAGGATAGAGAAGATGA 1386
Db	1398	CTCGGTTGATCGAGCTTCAATCATGGGATCTGTGA CTGGAACAGGATAGAGAAGATGA 1457
Qy	1387	TTTTGACTGGAATCCTGTGATCGAGATAATGCTATTCGCTTCTATATGGCAGTTCCGGC 1446
Db	1458	TTTTGACTGGAATCCTGTGATCGAGATAATGCTATTCGCTTCTATATGGCAGTTCCGGC 1517
Qy	1447	CTTGGCAGGTCAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGACCTGCAACC 1506
Db	1518	CTTGGCAGGTCAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGACCTGCAACC 1577
Qy	1507	CGAAGCAACTTCTGTTTCTCTTTGATTTACCGGCTGCGCGGAGACAAAGTCGGGAACCT 1566
Db	1578	CGAAGCAACTTCTGTTTCTCTTTGATTTACCGGCTGCGCGGAGACAAAGTCGGGAACCT 1637
Qy	1567	TCGAGTGTGTTGTAATAACAGTAACAACTGCCCTGGCATGGGAGAGACACGAGTGAGGA 1626
Db	1638	TCGAGTGTGTTGTAATAACAGTAACAACTGCCCTGGCATGGGAGAGACACGAGTGAGGA 1697
Qy	1627	TGAATAAGTGAAGACAGGGAATAATTCAGTGTGATTCAGGAATCTGATGCTACCAAAAGCAT 1686
Db	1698	TGAATAAGTGAAGACAGGGAATAATTCAGTGTGATTCAGGAATCTGATGCTACCAAAAGCAT 1757
Qy	1687	CATTTTGAAGCAGAACTGTGGCAAGGGCAAAACCGCGAAATCGCAGTGGATGGCGTCTT 1746

Db	1758	CATTTTGAAGCAGAACTGTGGCAAGGGCAAAACCGCGAAATCGCAGTGGATGGCGTCTT 1817
Qy	1747	GCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGATGATGTTACTATC 1806
Db	1818	GCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGATGATGTTACTATC 1877
Qy	1807	TTTATATTGACTTTGATGATGTCAGTTCCTCGGTTTTTTTGGATATTGCATCAGGACCTC 1866
Db	1878	TTTATATTGACTTTGATGATGTCAGTTCCTCGGTTTTTTTGGATATTGCATCAGGACCTC 1937
Qy	1867	TGGCAATTTAGAAATTAAT-AGCTGAAATTTGAAATGTAACCAACAGAAAT-TATATTGTA 1924
Db	1938	TGGCAATTTTAAATTAATTAAGCTGAAATTTGAAATGTAACCAACAGAAATTAATTTGTA 1997
Qy	1925	AGATGCCCTTTCTGTATAAGATATGCCAAATATTGCTTTTAAATATCATATCACTGTATCT 1984
Db	1998	AGATGCCCTTTTGTATAAGATATGCCAAATATTGCTTTTAAATATCATATCACTGTATCT 2057
Qy	1985	TCTCAGTCATTTCTGAAATCTTTCCNCATTAATTAATAAATNTGGAAANGTCA-GTTTAT 2043
Db	2058	TCTCAGTCATTTCTGAAATCTTTCCNCATTAATTAATAAATNTGGAAANGTCA-GTTTAT 2117
Qy	2044	CTCCCTCCTCNGTATATCTGATTTGTATANGTGTGATGCTTCTCTACCAACAT 2103
Db	2118	CTCCCTCCTCAGTATATCTGATTTGTATAGTTTGTATAGTGTGATGAGCTTCTCTGCAACAT 2177
Qy	2104	TTCTAGAAAAATAGAAAAAGCAAGAGAAATGTTTAACTGTTTGA CTCTTATGATACT 2163
Db	2178	TTCTAGAAAAATAGAAAAAGCAAGAGAAATGTTTAACTGTTTGA CTCTTATGATAGT 2237
Qy	2164	TCCTTGGAACCTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2223
Db	2238	TTTTGGAACCTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCA 2297
Qy	2224	TAGCCAAACTTGTATATTT-AACTTTTGTAAATAATAA 2260
Db	2298	TAGCCAAACTTGTATATTTAAATTTCTTTGTAATAATAA 2335

Search completed: June 15, 2004, 01:05:18  
Job time : 172 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 15, 2004, 01:05:24 ; Search time 21 Seconds  
(without alignments)  
838.082 Million cell updates/sec

Title: US-10-017-191A-119  
Perfect score: 1931  
Sequence: 1 MFLPWSLALPLLSWVAGGF.....EEIVSRGNSHGKKGNEEK 338

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 141681 seqs, 52070155 residues

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%  
Maximum Match 100%  
Listing first 65000 summaries

Database : SwissProt\_42.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
-----					

No matches found

Search completed: June 15, 2004, 03:35:10  
Job time : 23 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 14, 2004, 20:37:27 ; Search time 890 Seconds  
(without alignments)  
10910.145 Million cell updates/sec

Title: US-10-017-191A-118

Perfect score: 2260

Sequence: 1 cggacgctgggtggagtg.....ttaattcttgaataataa 2260

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 3373863 seqs, 2124099041 residues

Total number of hits satisfying chosen parameters: 63

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database : N Geneseq 29Jan04:\*

1: geneseqn1980s:\*

2: geneseqn1990s:\*

3: geneseqn2000s:\*

4: geneseqn2001as:\*

5: geneseqn2001bs:\*

6: geneseqn2002s:\*

7: geneseqn2003as:\*

8: geneseqn2003bs:\*

9: geneseqn2003cs:\*

10: geneseqn2004s:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2253	99.7	2260	2	Aaz33991 Human PRO
2	2253	99.7	2260	3	Aac78484 Human PRO
3	2253	99.7	2260	3	Aaa49718 Human PRO
4	2253	99.7	2260	3	Aaa75686 cDNA clon
5	2253	99.7	2260	7	ACD42824 Novel hum
6	2253	99.7	2260	7	ACA63559 Novel hum
7	2253	99.7	2260	7	ACA71723 Human sec
8	2253	99.7	2260	7	ABX92363 cDNA enco
9	2253	99.7	2260	8	ACA66104 Human cDN
10	2253	99.7	2260	8	ADA24657 Novel hum
11	2253	99.7	2260	8	ACD29705 Novel hum
12	2253	99.7	2260	8	ADAL2318 Human cDN
13	2253	99.7	2260	8	ACD29120 Novel hum
14	2253	99.7	2260	9	ADB73624 Human PRO
15	2253	99.7	2260	9	ADB76340 Human PRO
16	2253	99.7	2260	9	ADC43766 Human cDN
17	2253	99.7	2260	9	ADC61526 Human cDN
18	2253	99.7	2260	9	ADC63490 Human cDN
19	2253	99.7	2260	9	ADC66590 Human cDN
20	2253	99.7	2260	9	ADC68714 Human cDN
21	2253	99.7	2260	9	ADC62774 Human cDN
22	2253	99.7	2260	9	ADC67839 Human cDN
23	2253	99.7	2260	9	ADC41159 Human cDN

24	2253	99.7	2260	9	ADC67214 Human cDN
25	2253	99.7	2260	9	ADC62150 Human cDN
26	2253	99.7	2260	9	ADC41783 Human cDN
27	2253	99.7	2260	9	ADA49152 Human cDN
28	2253	99.7	2260	9	ADA35206 Human cDN
29	2253	99.7	2260	9	ADA63320 Human cDN
30	2253	99.7	2260	9	ADD72935 Human cDN
31	2253	99.7	2260	9	ADD72293 Human cDN
32	2253	99.7	2260	9	ADE16944 Human cDN
33	2253	99.7	2260	10	ADA84852 Human cDN
34	2253	99.7	2260	10	ADB89553 Human cDN
35	2219.2	98.2	2398	6	ABT07743 Breast ca
36	2219.2	98.2	2398	7	ACCS1050 Human bla
37	2219.2	98.2	2398	7	ABX76454 Lung canc
38	2219.2	98.2	2398	9	ADB80481 Ovarian c
39	2219.2	98.2	2435	3	AAA47456 Human TAN
40	2216	98.1	2398	4	AAK94555 Human ful
41	2206.2	97.6	2413	4	AAI58312 Human pol
42	2206.2	97.6	2413	6	AAI43906 Human EGF
43	2206.2	97.6	2413	7	ABX14784 Novel hum
44	2206.2	97.6	2413	8	ACD25947 Novel epi
45	2206.2	97.6	2413	8	ADB48279 Novel hum
46	2205	97.6	2276	4	AAK66891 Human EXM
47	2177	96.3	2365	7	ABX14779 cDNA enco
48	2176.6	96.3	2365	6	AAI43901 Human EGF
49	2176.6	96.3	2365	6	AAI43903 Human epi
50	2176.6	96.3	2365	8	ACD25942 Epidermal
51	2174.6	96.2	2365	2	AAK79501 cDNA inse
52	2174.6	96.2	2365	6	AAI43890 Human EGF
53	2174.6	96.2	2365	6	AAI44332 Human epi
54	2174.6	96.2	2365	7	ABX14768 cDNA enco
55	2174.6	96.2	2365	8	ACD25931 Epidermal
56	2170.6	96.0	2345	6	AAI43905 Human EGF
57	2170.6	96.0	2345	7	ABX14783 Novel hum
58	2170.6	96.0	2345	8	ACD25946 Novel epi
59	2155.6	95.4	2360	6	AAI43904 Human EGF
60	2155.6	95.4	2360	7	ABX14782 Novel hum
61	2155.6	95.4	2360	8	ACD25945 Novel epi
62	1883.2	83.3	2238	4	AAH98336 Human EST
C	63	1883.2	83.3	4	AAI60098 Human pol

ALIGNMENTS

RESULT 1  
ID AAZ33991 standard; cDNA; 2260 BP.  
XX  
AC AAZ33991;

07-DEC-1999 (first entry)  
Human PRO320 nucleotide sequence.  
Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;  
probe; blood coagulation disorder; cancer; cellular adhesion disorder;  
secreted protein; transmembrane protein; ss.

Homo sapiens.  
WO9946281-A2.  
16-SEP-1999.  
08-MAR-1999; 99WO-US005028.  
10-MAR-1998; 98US-0077450P.  
11-MAR-1998; 98US-0077632P.  
11-MAR-1998; 98US-0077641P.  
11-MAR-1998; 98US-0077649P.  
12-MAR-1998; 98US-0077791P.  
13-MAR-1998; 98US-0078004P.

```
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078930P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080155P.
PR 31-MAR-1998; 98US-0080184P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081105P.
PR 09-APR-1998; 98US-0081203P.
PR 15-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 23-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082767P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083332P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.

PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 30-JUL-1998; 98US-0094512P.
PR 11-SEP-1998; 98US-0100038P.
XX (GETH ) GENENTECH INC.
XX
XX Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;
XX
XX WPI; 1999-551358/45.
XX P-PSDB; AAY41702.
XX
XX New secreted and transmembrane polypeptides and their polynucleotides,
XX useful for treating blood coagulation disorders, cancers and cellular
XX adhesion disorders.
XX
XX Claim 2; Fig 44; 530pp; English.
XX
XX The present invention describes secreted and transmembrane polypeptides
XX and their polynucleotides. The nucleotide sequences are useful as sources
XX of probes, primers, for chromosome mapping, and for generation of
XX antisense sequences. They can also be used to create transgenic animals.
XX The proteins can be used to treat a variety of diseases and disorders,
XX depending on their function. Diseases that may be treated include blood
XX coagulation disorders, cancers and cellular adhesion disorders. They may
XX also be used to raise antibodies. AAZ33891 to AAZ34338, and AAY41695 to
XX AA411774 represent polynucleotide and polypeptide sequence given in the
XX exemplification of the present invention
XX
XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 2; Length 2260;
Best Local Similarity 100.0%; Pred No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGCGG 60
DB 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGCGG 60
QY 61 GCTTAGCTGCTACGGGTCCGGGTCGGCGCCGCCCTCCCGAGGGGGGCTCAGGAGAGAGGA 120
DB 61 GCTTAGCTGCTACGGGTCCGGGTCGGCGCCGCCCTCCCGAGGGGGGCTCAGGAGAGAGGA 120
QY 121 GGACCCCTGCGAGAACTCCTCTGCTGCGCTTGGAGCCTTGCCTCCCGTGCCTCTCTCTGG 180
DB 121 GGACCCCTGCGAGAACTCCTCTGCTGCGCTTGGAGCCTTGCCTCCCGTGCCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTTCGGGAAACGGCGGCAGTGCAGGCAATCAAGGTTGTTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTCGGGAAACGGCGGCAGTGCAGGCAATCAAGGTTGTTAGCATCGGCAC 240
QY 241 GTACAGCCTGGGGTCTGTCTATATGGAACCTAACTGGCCCTGCTGCTACGCTCGAGAGAA 300
DB 241 GTACAGCCTGGGGTCTGTCTATATGGAACCTAACTGGCCCTGCTGCTACGCTCGAGAGAA 300
QY 301 ACACGAGGAGTCTGTGAGCTACATGGAACCTGGAATGTAAGTTGGTGGAGTGGTGG 360
DB 301 ACACGAGGAGTCTGTGAGCTACATGGAACCTGGAATGTAAGTTGGTGGAGTGGTGG 360
QY 361 GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGAAACCTGCACTCAAGATGTA 420
DB 361 GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGAAACCTGCACTCAAGATGTA 420
QY 421 ATGAGTGTGAATGAACCCCGCCCATGCCACACAGATGCTGATACACACGAGAGCT 480
DB 421 ATGAGTGTGAATGAACCCCGCCCATGCCACACAGATGCTGATACACACGAGAGCT 480
QY 481 ACAAGTGTCTTTGCTCCTCAGTGGGCCACATGCTCATATGCCAGATGCTACGTGTGAACTCTA 540
```

```
Db 481 ACAAGTGCCTTTTGCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTA 540
QY 541 GGCATGTGTCATGATAAATACTGTCAAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600
Db 541 GGCATGTGTCATGATAAATACTGTCAAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600
QY 601 GCTGTGTCCATCTCAGACATCCGCTGCGCTGCGCCCAATGGAAGACATGCTAGATATTG 660
Db 601 GCTGTGTCCATCTCAGACATCCGCTGCGCTGCGCCCAATGGAAGACATGCTAGATATTG 660
QY 661 ATGAATGTGCTCTGCTGAAGATCATCTGTCCTTACAATCGAAGATGTGTGAACACATTG 720
Db 661 ATGAATGTGCTCTGCTGAAGATCATCTGTCCTTACAATCGAAGATGTGTGAACACATTG 720
QY 721 GAAGCTACTACTGCAAAATGTCAATGTGTTTGCATCTGCAATATATCATAGTGGACATATG 780
Db 721 GAAGCTACTACTGCAAAATGTCAATGTGTTTGCATCTGCAATATATCATAGTGGACATATG 780
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840
Db 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGAT 840
QY 841 GCTTCAATACCCAAAGGTCCTTCAAGTGAATGCAAGCAGGATATAAAGCCAATGGAC 900
Db 841 GCTTCAATACCCAAAGGTCCTTCAAGTGAATGCAAGCAGGATATAAAGCCAATGGAC 900
QY 901 TTCGCTGTCTGCTATCCCTGGAATTTCTGTAAGGATGCTCAGAGCCTCGGTACCA 960
Db 901 TTCGCTGTCTGCTATCCCTGGAATTTCTGTAAGGATGCTCAGAGCCTCGGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAGTTGCTTGTCTCACAATAAAGCAGATGAAAAGAGGCAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAGTTGCTTGTCTCACAATAAAGCAGATGAAAAGAGGCAAAA 1020
QY 1021 TTAATAATGTTACCCAGAACCCACAGACCTCTACCCCTAAGTGAACTTGACGCCCT 1080
Db 1021 TTAATAATGTTACCCAGAACCCACAGACCTCTACCCCTAAGTGAACTTGACGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAATAAAGGGAATG 1140
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAATAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
QY 1201 CATAGAGAGCGAAGCCTGCGAGGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGAGCGAAGCCTGCGAGGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTGCGCCTGATTTCTGGTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATT 1320
Db 1261 ATTGCGCCTGATTTCTGGTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATT 1320
QY 1321 AATATCTGGTTGACTGAGCTTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380
Db 1321 AATATCTGGTTGACTGAGCTTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAATGGAATCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
Db 1381 AGATGATTTTGAATGGAATCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGGCTTGGCAGGTCAAGAGAGACATTTGGCGGATGAACCTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCAAGAGAGACATTTGGCGGATGAACCTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTGAAAAAAGAGTAACTGCAATGCTGCAATGCGGAGAGACCAAGAG 1620
```

```
Db 1561 GAAACTTCGAGTGTGTGAAAAAAGAGTAACTGCAATGCTGCGCTGGCAGTGGGAGAGACCAAG 1620
QY 1621 TGAGGATGAAAAGTGGAAAGACAGAGGAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
Db 1621 TGAGGATGAAAAGTGGAAAGACAGAGGAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680
QY 1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGCGCAAAACCGCGGAATCCGAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACCTGGCAAGGCGCAAAACCGCGGAATCCGAGTGGATGG 1740
QY 1741 CGTCTTGTCTTTCAGGCTTATGTCAGATAGCCTTTTATCTCTGGATGACTCAATGTT 1800
Db 1741 CGTCTTGTCTTTCAGGCTTATGTCAGATAGCCTTTTATCTCTGGATGACTCAATGTT 1800
QY 1801 ACTATCTTTATATTGACTTTCCTGATGTCAGTCCCTGGTTTTTTTGTATTTGCAATCATAG 1860
Db 1801 ACTATCTTTATATTGACTTTCCTGATGTCAGTCCCTGGTTTTTTTGTATTTGCAATCATAG 1860
QY 1861 GACCTCTGSCATTTTAGAATTAAGTACTAGCTGAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGSCATTTTAGAATTAAGTACTAGCTGAAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGATGCTTCTTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGATGCTTCTTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCATATATATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCATATATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATGANGTTGATGNGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATGANGTTGATGNGCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAGAACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAGAACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAAAACACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTT 2220
Db 2161 ACTTCTTGAAAACACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTT 2220
QY 2221 TCATAGCCCAAACTTCTATATTTAATTTCTTCTTAATAATAA 2260
Db 2221 TCATAGCCCAAACTTCTATATTTAATTTCTTCTTAATAATAA 2260
```

## RESULT 2

AAC78484

ID AAC78484 standard; cDNA; 2260 BP.

XX AAC78484;

DT 08-FEB-2001 (first entry)

XX Human PRO320 (UNQ281) nucleotide sequence SEQ ID NO:118.

XX Human; secreted protein; transmembrane protein; PRO; EST; cytosolic;  
XX expressed sequence tag; detection; cancer; ss.

XX Homo sapiens.

XX WO200053756-A2.

XX 14-SEP-2000.

XX 18-FEB-2000; 2000WO-US004341.

XX 08-MAR-1999; 99WO-US005028.

XX 12-MAR-1999; 99US-0123957P.

XX 23-MAR-1999; 99US-0126773P.

XX 21-APR-1999; 99US-0130232P.

XX 28-APR-1999; 99US-0131445P.

PR 14-MAY-1999; 99US-0134287P.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 26-JUL-1999; 99US-0145698P.  
 PR 29-OCT-1999; 99US-0162506P.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 12-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 FI Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi CJ, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2000-611443/58.  
 DR P-FSDS; AAB44258.  
 XX  
 PT Novel PRO polypeptides and polynucleotides used in detection methods, to  
 PT target bioactive molecules to specific cells, and to modulate cellular  
 PT activities.  
 XX  
 PS Claim 2; Fig 44; 636pp; English.  
 XX  
 CC AACT8458 to AACT8599 represent polynucleotide and EST (expressed sequence  
 CC tag) sequences which encode secreted or transmembrane PRO polypeptides.  
 CC The PRO polynucleotides and polypeptides have cytosolic activity. The  
 CC polynucleotides and polypeptides can be used for detecting the presence  
 CC of PRO polypeptides in samples, for linking bioactive molecules to cells  
 CC and for modulating biological activities of cells, using the polypeptides  
 CC for specific targeting. The polypeptide targeting, can be used to kill the  
 CC target cells, e.g. for the treatment of cancers. The polypeptide pairs  
 CC provide specific targeting of bioactive molecules to cells. AACT8460 to  
 CC AACT8987 represent PCR primers and probes used in the isolation of the  
 CC PRO polynucleotide sequences  
 XX  
 SQ Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 3; Length 2260;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGG 60  
 DB 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGG 60  
 QY 61 GCTTAGCTGTACGGGGTCCGGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGGA 120  
 DB 61 GCTTAGCTGTACGGGGTCCGGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGGA 120  
 QY 121 GGACCCGTGCGAGATGCTCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGG 180  
 DB 121 GGACCCGTGCGAGATGCTCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGG 180  
 QY 181 TGGCAGGTGGTTTGGGAAACCGCGCCAGTGCAGGCATCA CGGGTTGTAGCATTCGGCAC 240  
 DB 181 TGGCAGGTGGTTTGGGAAACCGCGCCAGTGCAGGCATCA CGGGTTGTAGCATTCGGCAC 240  
 QY 241 GTACCCCTGGGGTCTGTACATATGAACTAACTAACTAACTAACTAACTAACTAACTAA 300  
 DB 241 GTACCCCTGGGGTCTGTACATATGAACTAACTAACTAACTAACTAACTAACTAACTAA 300  
 QY 301 ACAGCAAGGGAGTCTGTGAAGTACATCGCAACCTGGATTAAGTTTGGTGGTGGTGG 360  
 DB 301 ACAGCAAGGGAGTCTGTGAAGTACATCGCAACCTGGATTAAGTTTGGTGGTGGTGG 360

QY 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGA 420  
 DB 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGA 420  
 QY 421 ATCAGTGTGGAAATGAACCCCGGCCCATGCCAACACAGATGTGTGAATACACACCGAAGCT 480  
 DB 421 ATCAGTGTGGAAATGAACCCCGGCCCATGCCAACACAGATGTGTGAATACACACCGAAGCT 480  
 QY 481 ACAAGTGTTCCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540  
 DB 481 ACAAGTGTTCCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540  
 QY 541 GGACATGTGCCATGATAAACTGTGAGTACAGTGTGAAGACACACAGAAAGGGCCACAGT 600  
 DB 541 GGACATGTGCCATGATAAACTGTGAGTACAGTGTGAAGACACACAGAAAGGGCCACAGT 600  
 QY 601 GCCTGTGTCACTCAGGACTCCGCTGGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
 DB 601 GCCTGTGTCCATCCTCAGGACTCCGCTGGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
 QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTGCCCTACAATCGAAGATGTGTGAACACATTG 720  
 DB 661 ATGAATGTGCTCTGTGTAAGTCACTGTGCCCTACAATCGAAGATGTGTGAACACATTG 720  
 QY 721 GAAGTACTACTGCAAAATGTCAATTTGGTTTCCAACTGCAATATATATCAGTGGACGATATG 780  
 DB 721 GAAGTACTACTGCAAAATGTCAATTTGGTTTCCAACTGCAATATATATCAGTGGACGATATG 780  
 QY 781 ACTGTATAGATATAAATGAATGATCTATGTAGTACATGCTGAGCCACCATGCCAATT 840  
 DB 781 ACTGTATAGATATAAATGAATGATCTATGTAGTACATGCTGAGCCACCATGCCAATT 840  
 QY 841 GCTTCAATACCCAAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGSCAATGAC 900  
 DB 841 GCTTCAATACCCAAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGSCAATGAC 900  
 QY 901 TTCGTGTCTCTGTATCCCTGAAATTCGTCAAGAGAGTCTCTCAGAGCACCCTGTGATCA 960  
 DB 901 TTCGTGTCTCTGTATCCCTGAAATTCGTCAAGAGAGTCTCTCAGAGCACCCTGTGATCA 960  
 QY 961 TCAAGACAGAAATCAAGAAAGTGTCTGTCTCAACAAACAGCATGAAAGAAAGGCAAAA 1020  
 DB 961 TCAAGACAGAAATCAAGAAAGTGTCTGTCTCAACAAACAGCATGAAAGAAAGGCAAAA 1020  
 QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGCAGCCCT 1080  
 DB 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGCAGCCCT 1080  
 QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1140  
 DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATG 1140  
 QY 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
 DB 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
 QY 1201 CATAGAGAGCAGAGCTCGAGGAGATGTGTGTTCCTTAAGGTCAATGAAGCAGGATG 1260  
 DB 1201 CATAGAGAGCAGAGCTCGAGGAGATGTGTGTTCCTTAAGGTCAATGAAGCAGGATG 1260  
 QY 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAAGGCTTAACCTCCAACTGGAACATTAAGATTT 1320  
 DB 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAAGGCTTAACCTCCAACTGGAACATTAAGATTT 1320  
 QY 1321 AAATATCTCGGTTGATGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380  
 DB 1321 AAATATCTCGGTTGATGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380  
 QY 1381 AGATGATTTGACTGGAAATCTGCTGATCGAGATATGCTATTTGGCTTCTATATGCGAGT 1440  
 DB 1381 AGATGATTTGACTGGAAATCTGCTGATCGAGATATGCTATTTGGCTTCTATATGCGAGT 1440  
 QY 1441 TCCGGCTTGGCAGGTCAACAGAAAGACATTTGGCCGATTTGAAACTTCTCCTACCTGACCT 1500



Db 241 GTGAGCTGGGGTCTGTGACATATGGAATAAAGTGGCTGCTCTACGGCTGGAGAAGAA 300  
Qy 301 ACAGCAAGGAGTCTGTGAAGCTACATCGCAACCTCGATTAAGTTTGGTGAAGTGGTGG 360  
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATCGCAACCTCGATTAAGTTTGGTGAAGTGGTGG 360  
Qy 361 GACCAAAATGCAATGCAATGCTTTCCAGGATACACCGGGAACCTGCAAGTCAAGTGTGA 420  
Db 361 GACCAAAATGCAATGCAATGCTTTCCAGGATACACCGGGAACCTGCAAGTCAAGTGTGA 420  
Qy 421 ATGAGTGTGGAATGAAACCCCGGCAATGCAACACAGATGTGGAATACACCGGAAGCT 480  
Db 421 ATGAGTGTGGAATGAAACCCCGGCAATGCAACACAGATGTGGAATACACCGGAAGCT 480  
Qy 481 ACAAGTGTGTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAAGTGTGAATCTTA 540  
Db 481 ACAAGTGTGTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAAGTGTGAATCTTA 540  
Qy 541 GGACATGCGCATGATAAATGTCAGTACAGCTGTGAAGACACAGAAAGAGGCCACAGT 600  
Db 541 GGACATGCGCATGATAAATGTCAGTACAGCTGTGAAGACACAGAAAGAGGCCACAGT 600  
Qy 601 GCTGTGTCCATCCCTCAGGATCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 660  
Db 601 GCTGTGTCCATCCCTCAGGATCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 660  
Qy 661 ATGAATGTGCTGCTGTAAGTCAATGCTCCCTCAATCGAAGTGTGCAACACATTTG 720  
Db 661 ATGAATGTGCTGCTGTAAGTCAATGCTCCCTCAATCGAAGTGTGCAACACATTTG 720  
Qy 721 GAAGCTACTACTGCAAAATGTCACATTTGGTTTCGAACCTGCAATATACAGTGGACGATATG 780  
Db 721 GAAGCTACTACTGCAAAATGTCACATTTGGTTTCGAACCTGCAATATACAGTGGACGATATG 780  
Qy 781 ACTGTATAGATATAAATGATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840  
Db 781 ACTGTATAGATATAAATGATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840  
Qy 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATCAAGCAGGATATAAAGGCAATGGAC 900  
Db 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATCAAGCAGGATATAAAGGCAATGGAC 900  
Qy 901 TTCGTTCTGCTATCCCTGAAATCTGTGAAGGAGTCTCAGAGCACCCTGGTACCA 960  
Db 901 TTCGTTCTGCTATCCCTGAAATCTGTGAAGGAGTCTCAGAGCACCCTGGTACCA 960  
Qy 961 TCAAAAGACAGATCAAGAAGTGTGCTGTCAAAAACAGATGAAAAGAGGCAAAA 1020  
Db 961 TCAAAAGACAGATCAAGAAGTGTGCTGTCAAAAACAGATGAAAAGAGGCAAAA 1020  
Qy 1021 TTAATAATGTTACCCAGAACCCACAGAGTCTTAACCCCTAAGTGAATGCACTTGCAGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACAGAGTCTTAACCCCTAAGTGAATGCACTTGCAGCCCT 1080  
Qy 1081 TCAACTATGAAGATAGTTTCCAGAGCGGAACTCTCATGGAGGTAAAGAGGGAATG 1140  
Db 1081 TCAACTATGAAGATAGTTTCCAGAGCGGAACTCTCATGGAGGTAAAGAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
Qy 1201 CATAGAGGAGCAAGCTGCGAGGAGATGTGTTTTCCCTAAGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGGAGCAAGCTGCGAGGAGATGTGTTTTCCCTAAGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTTCCAAAATGGAACATAAAGATT 1320  
Db 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTTCCAAAATGGAACATAAAGATT 1320  
Qy 1321 AATATCTCGGTGACTGACGCTTCAATCATGGGATCTGTGACTGCAACAGGATACAGA 1380

Db 1321 AATATCTCGGTGACTGACGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380  
Qy 1381 AGATGATTTTGAATCGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTTGAATCGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440  
Qy 1441 TCCGGCTTGGCAGGTCAACAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCTTGGCAGGTCAACAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTAACCGCTGGCCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTAACCGCTGGCCGGAGACAAAGTCGG 1560  
Qy 1561 GAAACTTCGAGTGTGTTGTGAAAACAGTAACATGCTGCGCATGGAGAAACACACGAG 1620  
Db 1561 GAAACTTCGAGTGTGTTGTGAAAACAGTAACATGCTGCGCATGGAGAAACACACGAG 1620  
Qy 1621 TGAGGATGAAAAGTGAAGACAGGAAAATTCAGTTGTATCAAGGAACTGTATGCTTACCA 1680  
Db 1621 TGAGGATGAAAAGTGAAGACAGGAAAATTCAGTTGTATCAAGGAACTGTATGCTTACCA 1680  
Qy 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTTCTGTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAAATGTT 1800  
Db 1741 CGTCTTCTGTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAAATGTT 1800  
Qy 1801 ACTATCTTATATTTGACCTTTGATGTCAGTTCCTGCTGCTTTTATGATATTCATCATCTG 1860  
Db 1801 ACTATCTTATATTTGACCTTTGATGTCAGTTCCTGCTGCTTTTATGATATTCATCATCTG 1860  
Qy 1861 GACCTCTGGCATTTTGAATTTAGATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAAATTTAT 1920  
Db 1861 GACCTCTGGCATTTTGAATTTAGATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAAATTTAT 1920  
Qy 1921 TGTAAAGTGCCTTTCTGTTATAGATATGCCATATTTGCTTTTAAATATCATATCACTCTG 1980  
Db 1921 TGTAAAGTGCCTTTCTGTTATAGATATGCCATATTTGCTTTTAAATATCATATCACTCTG 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCATTTATATTAATAATGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCATTTATTAATAATGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCTCCTGCTGATATCTGATTTGTATANGTGTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCTCCTGCTGATATCTGATTTGTATANGTGTGATGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAAATGTTTAACTGTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAAATGTTTAACTGTTGACTCTTATGAT 2160  
Qy 2161 ACTTCTTGGAAAATATGACATCAAAAGATAGCTTTTGGCTAAGTGGCTTAGTGGTCTT 2220  
Db 2161 ACTTCTTGGAAAATATGACATCAAAAGATAGCTTTTGGCTAAGTGGCTTAGTGGTCTT 2220  
Qy 2221 TCATAGCCAAACTTGTATATTTAATCTTTGTAATAATA 2260  
Db 2221 TCATAGCCAAACTTGTATATTTAATCTTTTGTAAATAATA 2260

## RESULT 4

AAA75686

ID AAA75686 standard; cDNA; 2260 BP.

XX AAA75686;

AC AAA75686;

XX 22-JAN-2001 (first entry)

XX cDNA clone DNA32284-1307 encoding a PRO320 polypeptide.

DE

XX



KW Fibulin homologue; PRO320; PRO938; PRO1031; PRO296; PRO213; PRO1330;  
KW PRO1449; angiogenesis; cardiovascularisation; cardiovascular disorder;  
KW endothelial disorder; angiogenic disorder; cancer; trauma; wound;  
XX arteriosclerosis; cardiac hypertrophy; ss.  
OS Homo sapiens.  
FH Key Location/Qualifiers  
FT CDS 135..1151  
FT /\*tag= a  
FT /product= "PRO320"  
FT s-g\_peptide 135..197  
FT /\*tag= b  
XX WO200053752-A2.  
XX 14-SEP-2000.  
XX 30-DEC-1999; 99WO-US031274.  
XX 08-MAR-1999; 99WO-US005028.  
XX 21-APR-1999; 99US-0130232P.  
XX 28-APR-1999; 99US-0131022P.  
XX 28-APR-1999; 99US-0131445P.  
XX 14-MAY-1999; 99US-0134287P.  
XX 02-DEC-1999; 99WO-US028565.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Ferrara N, Goddard A, Gurney AL, Hillan KJ;  
PI Williams PM, Wood WI;  
XX WPI; 2000-638138/61.  
XX P-PSDB; AAB18669.  
XX A composition useful for treatment and diagnosis of a cardiovascular,  
PT endothelial or angiogenic disorder, especially cancer, comprises (an  
PT agonist or antagonist of) a PRO320, PRO938, PRO1031, PRO296, PRO213,  
PT PRO1330 or PRO1449 polypeptide.  
XX Claim 56; Fig 1; 152pp; English.  
XX  
XX The present sequence encodes PRO320, a fibulin homologue. The  
CC specification describes PRO320, PRO938, PRO1031, PRO296, PRO213, PRO1330  
CC and PRO1449 polypeptides. The polypeptides promoter or inhibit  
CC angiogenesis and cardiovascularisation in mammals. The polypeptides are  
CC used for the treatment and diagnosis of a cardiovascular, endothelial or  
CC angiogenic disorder, especially cancer. Disorders that can be diagnosed,  
CC treated or prevented by the polypeptides of the invention include trauma  
CC such as wounds, arteriosclerosis, and cardiac hypertrophy  
XX  
XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;  
Query Match 99.7%; Score 2253; DB 3; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGGCTGGTGGAGTGGAGGAGGACCCGAGCGGCTGAGGAGAGAGGCGGG 60  
DB 1 CGGACGGCTGGTGGAGTGGAGGAGGACCCGAGCGGCTGAGGAGAGAGGCGGG 60  
QY 61 GCTTAGCTGTCTACGGGCTCCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGA 120  
DB 61 GCTTAGCTGTCTACGGGCTCCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGA 120  
QY 121 GGACCCGTGGAGAAATGCCTCTGCGCTGGAGCCTTGGCTCCGCTGCTGCTCTG 180  
DB 121 GGACCCGTGGAGAAATGCCTCTGCGCTGGAGCCTTGGCTCCGCTGCTGCTCTG 180  
QY 181 TGGCAGGTGGTTTCGGGAAACGGGCCAGTCAAGGATCAAGGTTGTAGCATGGCAC 240  
DB 181 TGGCAGGTGGTTTCGGGAAACGGGCCAGTCAAGGATCAAGGTTGTAGCATGGCAC 240

QY 241 GTGAGCTGGGCTGTGCTCACTATGGAATAAAGTGGCTGTGCTCGGCTGGAGGAA 300  
DB 241 GTGAGCTGGGCTGTGCTCACTATGGAATAAAGTGGCTGTGCTCGGCTGGAGGAA 300  
QY 301 ACAGCAAGGGAGTCTGTGAAAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGG 360  
QY 361 GACCAAAACAATGAGATGCTTTCCAGGATACACGGGAAAACCTGCAATCAAGATGGA 420  
DB 361 GACCAAAACAATGAGATGCTTTCCAGGATACACGGGAAAACCTGCAATCAAGATGGA 420  
QY 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480  
DB 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480  
QY 481 ACAAGTGTGCTTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
DB 481 ACAAGTGTGCTTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
QY 541 GGACATGTGCCATGATAAACTGTCACTAGTACAGCTGTGGAAGACACAGAAAGGGCCACAGT 600  
DB 541 GGACATGTGCCATGATAAACTGTCACTAGTACAGCTGTGGAAGACACAGAAAGGGCCACAGT 600  
QY 601 GCTGTGTCCATCCCTCAGGACTCCGCTGGGCCCAAAATGGAAGAGAGCTGTCTAGATATTG 660  
DB 601 GCTGTGTCCATCCCTCAGGACTCCGCTGGGCCCAAAATGGAAGAGAGCTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTCCCTCAATCGAAGATGTGTGAACACATTG 720  
DB 661 ATGAATGTGCTCTGTGTAAGTCACTGTCCCTCAATCGAAGATGTGTGAACACATTG 720  
QY 721 GAAGTACTACTGCAAAATGTCAATTGGTTTGGAACTGCAATATATCACTGGAAGATG 780  
DB 721 GAAGTACTACTGCAAAATGTCAATTGGTTTGGAACTGCAATATATCACTGGAAGATG 780  
QY 781 ACTGTATGATATAAATGATGTACTATGATGATGATGATGATGATGATGATGATGATGAT 840  
DB 781 ACTGTATGATATAAATGATGTACTATGATGATGATGATGATGATGATGATGATGATGAT 840  
QY 841 GCTTCAATACCCAGAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900  
DB 841 GCTTCAATACCCAGAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900  
QY 901 TTCGGTGTCTGCTATCCCTGAAAATTCCTGTAAGAGAAATCTCTGAGCAGCTGTTGATGACCA 960  
DB 901 TTCGGTGTCTGCTATCCCTGAAAATTCCTGTAAGAGAAATCTCTGAGCAGCTGTTGATGACCA 960  
QY 961 TCAAGACAGAAATCAAGAAATGCTTGTCTCAAAAACAGCATGAAAAGAGAGGCAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAAATGCTTGTCTCAAAAACAGCATGAAAAGAGAGGCAAAA 1020  
QY 1021 TTAATAATGTTTACCCAGAACCCACAGAGCTCTTACCCCTTAAGTGAATTTGAGCGCT 1080  
DB 1021 TTAATAATGTTTACCCAGAACCCACAGAGCTCTTACCCCTTAAGTGAATTTGAGCGCT 1080  
QY 1081 TCACTATGAGAGATAGTTTCCAGAGCGGAACTCTCTGAGAGTAAAGGGAATG 1140  
DB 1081 TCACTATGAGAGATAGTTTCCAGAGCGGAACTCTCTGAGAGTAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGCTTTGAGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200  
DB 1141 AAGAGAAATGAAGAGGGGCTTTGAGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200  
QY 1201 CATGAGGAGCGAAGCTCGGAGGAGATGTGTTTCCCTTAAGTGAATGAGCAGGGA 1260  
DB 1201 CATGAGGAGCGAAGCTCGGAGGAGATGTGTTTCCCTTAAGTGAATGAGCAGGGA 1260  
QY 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTTCCAACTGGAACATAAAGATTT 1320  
DB 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAATCTTCCAACTGGAACATAAAGATTT 1320  
QY 1321 AATATATCTCGTTGATGCTGAGCTTCAATCATCGGATCTGTGATCGAAGACAGGATAGAGA 1380

Db 1321 AATAATCTGGTTCAGTCTGAGCTTCAATCATGGATCTGTGCTGAAACAGGATAGAGA 1380  
Qy 1381 AGATGATTTGACTGGAATCTCTGCTGATCGAGATTAATGCTATGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTGACTGGAATCTCTGCTGATCGAGATTAATGCTATGCTTCTATATGGCAGT 1440  
Qy 1441 TCCGGCTTGGCAGGTCACAGAGAACACATTCGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCTTGGCAGGTCACAGAGAACACATTCGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTCTCTGTTGCTTGTATACCGCTGGCCGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTCTCTGTTGCTTGTATACCGCTGGCCGAGACAAAGTCGG 1560  
Qy 1561 GAACTTCGAGTCTTGTGAAACAAAGTAAACATGCTGCGATCGGAGAGACACACAG 1620  
Db 1561 GAACTTCGAGTCTTGTGAAACAAAGTAAACATGCTGCGATCGGAGAGACACACAG 1620  
Qy 1621 TGAGGATGAAAAGTGAAGACAGGGAAAATTCAGTTGTATCAAGGAACCTGATGTACCAA 1680  
Db 1621 TGAGGATGAAAAGTGAAGACAGGGAAAATTCAGTTGTATCAAGGAACCTGATGTACCAA 1680  
Qy 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGGCAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGGCAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATACGCTTTTATCTGTGGATGACTGAATGT 1800  
Db 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATACGCTTTTATCTGTGGATGACTGAATGT 1800  
Qy 1801 ACTATCTTATTTGATCTTGTATGTCAGTCCCTGGTCTTGTATGATATGCTCATAG 1860  
Db 1801 ACTATCTTATTTGATCTTGTATGTCAGTCCCTGGTCTTGTATGATATGCTCATAG 1860  
Qy 1861 GACCTCTGGCAATTTAGAAATTTAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGCAATTTAGAAATTTAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Qy 1921 TGTAAAGTGCCTTCTTGTATGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGTGCCTTCTTGTATGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGAACTTTCCNCAATATATATAAATNTGAAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAACTTTCCNCAATATATATAAATNTGAAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAAATAGAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Qy 2161 ACTTCTTGGAAACTATGATCAATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGTCTT 2220  
Db 2161 ACTTCTTGGAAACTATGATCAATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGTCTT 2220  
Qy 2221 TCATAGCCAAACTGTATTTAATTTCTTTGTAATAATAA 2260  
Db 2221 TCATAGCCAAACTGTATTTAATTTCTTTGTAATAATAA 2260

RESULT 5

ACD42524

ID ACD42524 standard; cDNA; 2260 BP.

XX AC ACD42524;

XX DT 09-SEP-2003 (first entry)

XX DE Novel human secreted and transmembrane protein PRO320 cDNA.

XX Human; secreted and transmembrane protein; PRO; virucide; gene therapy;  
KW cell death; growth induction cascade; blood coagulation cascade;  
KW viral infection; gene; ss.  
XX Homo sapiens.  
PN US2003050239-A1.  
XX 13-MAR-2003.  
XX 15-OCT-2001; 2001US-00978191.  
XX 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-0040220.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 27-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 30-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 31-MAR-1998; 98US-0080227P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083326P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083556P.



Db 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGGATTAAGTTTGGTGAAGTGG 360  
Qy 361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGGAACCTCAGTCAAGATGGA 420  
Db 361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGGAACCTCAGTCAAGATGGA 420  
Qy 421 ATGAGTGTGAATGAACCCCGGCGATGCGAACACAGATGTGTGAATACACAGGAAGCT 480  
Db 421 ATGAGTGTGAATGAACCCCGGCGATGCGAACACAGATGTGTGAATACACAGGAAGCT 480  
Qy 481 ACAAGTCTTTTGGCTCAGTGGGCACATGCTCATGCCAGATGCTAGTGTGAATCTTA 540  
Db 481 ACAAGTCTTTTGGCTCAGTGGGCACATGCTCATGCCAGATGCTAGTGTGAATCTTA 540  
Qy 541 GGAATGTGCAATGAATAAATGTCAGTACAGTGTGGAAGACACAGAAAGAGGCCACAGT 600  
Db 541 GGAATGTGCAATGAATAAATGTCAGTACAGTGTGGAAGACACAGAAAGAGGCCACAGT 600  
Qy 601 GCCTGTGTCCATCCTCAGGACTCGGCTGGCCCAATGGAAGAGAGACTGCTAGATATTG 660  
Db 601 GCCTGTGTCCATCCTCAGGACTCGGCTGGCCCAATGGAAGAGAGACTGCTAGATATTG 660  
Qy 661 ATGAATGTGCTCTGTAAGTCAATCTGCTCCATCAATGGAAGATGTGGAACACATTG 720  
Db 661 ATGAATGTGCTCTGTAAGTCAATCTGCTCCATCAATGGAAGATGTGGAACACATTG 720  
Qy 721 GAAGCTACTGCAATGTCACATTTGGTTTGGAACTGCAATATACAGTGGACGATATG 780  
Db 721 GAAGCTACTGCAATGTCACATTTGGTTTGGAACTGCAATATACAGTGGACGATATG 780  
Qy 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTCAGCCCAATGCCAATT 840  
Db 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTCAGCCCAATGCCAATT 840  
Qy 841 GCTTCATACCAAGGTCCTTCAAGTGTAAATGCAAGCGAGATATAAGGCAATGGAC 900  
Db 841 GCTTCATACCAAGGTCCTTCAAGTGTAAATGCAAGCGAGATATAAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGTGATCCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGTGATCCA 960  
Qy 961 TCAAGACAGAAATCAAGATGCTTCTGCAAAATACAGATGAAAGAGAGGCAAAA 1020  
Db 961 TCAAGACAGAAATCAAGATGCTTCTGCAAAATACAGATGAAAGAGAGGCAAAA 1020  
Qy 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATTCGAGCCCT 1080  
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATTCGAGCCCT 1080  
Qy 1081 TCAATATGAAGAGATAGTTTCCAGGCGGAACTCTCATGGAGTAAAGAGGAATG 1140  
Db 1081 TCAATATGAAGAGATAGTTTCCAGGCGGAACTCTCATGGAGTAAAGAGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGSGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGSGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
Qy 1201 CATAGAGAGCGAAGCTTCGAGAGAGATGTGTGTTCCTTAAGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAAGCTTCGAGAGAGATGTGTGTTCCTTAAGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTCCGCTGATTTCTGTGTCAAAGGAAGCGCTAACTTCCAACTGGAACTAAAGATT 1320  
Db 1261 ATTCCGCTGATTTCTGTGTCAAAGGAAGCGCTAACTTCCAACTGGAACTAAAGATT 1320  
Qy 1321 AAATATCTCGGTGATCGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380  
Db 1321 AAATATCTCGGTGATCGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380  
Qy 1381 ACATCATTTGACTGGAATCTGCTGATCGAGATGAATGCTATTGGCTTCTATATGGCAGT 1440  
Db 1381 ACATCATTTGACTGGAATCTGCTGATCGAGATGAATGCTATTGGCTTCTATATGGCAGT 1440

Db 1381 AGATGATTTTGAATCCCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440  
Qy 1441 TCCGGCTTTGGCAGGTCACAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCTTTGGCAGGTCACAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500  
Qy 1501 GGAACCCCAAGCAACTCTGTTTCTCTTTGATTTACCGGCTGGCCGGAGACAAGTCGG 1560  
Db 1501 GGAACCCCAAGCAACTCTGTTTCTCTTTGATTTACCGGCTGGCCGGAGACAAGTCGG 1560  
Qy 1561 GAAACTTCAGATGTTTGTGAAAAAAGCAATTAATCCCTTGGCATGGGAGAAAGACACGAG 1620  
Db 1561 GAAACTTCAGATGTTTGTGAAAAAAGCAATTAATCCCTTGGCATGGGAGAAAGACACGAG 1620  
Qy 1621 TGAGGATGAAGTGAAGACACAGGGAATTTCAAGTGTATCAAGGAATGTATGCTACCAA 1680  
Db 1621 TGAGGATGAAGTGAAGACACAGGGAATTTCAAGTGTATCAAGGAATGTATGCTACCAA 1680  
Qy 1681 AAGCATCATTTTGAAGCAGAAACGTGGCAAGGCAAAACCCGCGAATTCGCAATGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGAAACGTGGCAAGGCAAAACCCGCGAATTCGCAATGATGG 1740  
Qy 1741 CGTCTGCTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGATGTT 1800  
Db 1741 CGTCTGCTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGATGTT 1800  
Qy 1801 ACTATCTTTATATTTCACTTTGATGTCACTTCCCTGGTTTTTTTGATATTCATCATAG 1860  
Db 1801 ACTATCTTTATATTTCACTTTGATGTCACTTCCCTGGTTTTTTTGATATTCATCATAG 1860  
Qy 1861 GACTCTGGCAATTTAGAAATTAAGTCAAGGCAAAATTAATGATACCAACAGAAATATTAT 1920  
Db 1861 GACTCTGGCAATTTAGAAATTAAGTCAAGGCAAAATTAATGATACCAACAGAAATATTAT 1920  
Qy 1921 TGTAAAGATGCTTCTGTATAGATATGCCAATATTTGCTTTTAAATATCATCACTGT 1980  
Db 1921 TGTAAAGATGCTTCTGTATAGATATGCCAATATTTGCTTTTAAATATCATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCATTAATATAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCATTAATATAAATNTGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTCTATANGTANGTCTGATGCTTCTCTCAAA 2100  
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTCTATANGTANGTCTGATGCTTCTCTCAAA 2100  
Qy 2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTGACTTCTTATGAT 2160  
Db 2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTGACTTCTTATGAT 2160  
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTTCCTAAGTGGCTTAGCTGGTCTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTTCCTAAGTGGCTTAGCTGGTCTT 2220  
Qy 2221 TCATAGCAAACTTGTATATTTTAAATTTCTTTGTAATAATAA 2260  
Db 2221 TCATAGCAAACTTGTATATTTTAAATTTCTTTGTAATAATAA 2260

## RESULT 6

ACA63559

ID ACA63559 standard; cDNA; 2260 BP.

XX ACA63559;

XX AC

XX 16-JUN-2003 (first entry)

XX DE Novel human secreted and transmembrane protein PRO320 cDNA.

XX KW Human; secreted and transmembrane protein; PRO; antiinflammatory;

XX KW antiarteriosclerotic; cardiatic; anti-infectivity; anti-HIV; cytostatic;

XX KW antidiabetic; gene therapy; inflammatory disease; organ failure;

XX KW atherosclerosis; cardiac injury; infertility; birth defect;

KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;  
KW Gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;  
XX tissue typing; gene; ss.

OS Homo sapiens.

FN US2002192706-A1.

XX 19-DEC-2002.

XX 24-OCT-2001; 2001US-0099832.

XX 17-OCT-1997; 97US-0062250P.

XX 03-NOV-1997; 97US-0064249P.

XX 13-NOV-1997; 97US-0065311P.

XX 21-NOV-1997; 97US-0066364P.

XX 10-MAR-1998; 98US-0077450P.

XX 11-MAR-1998; 98US-0077632P.

XX 11-MAR-1998; 98US-0077641P.

XX 11-MAR-1998; 98US-0077649P.

XX 12-MAR-1998; 98US-0077791P.

XX 13-MAR-1998; 98US-0078004P.

XX 17-MAR-1998; 98US-00040220.

XX 20-MAR-1998; 98US-0078910P.

XX 20-MAR-1998; 98US-0078930P.

XX 20-MAR-1998; 98US-0078939P.

XX 25-MAR-1998; 98US-0079294P.

XX 26-MAR-1998; 98US-0079656P.

XX 27-MAR-1998; 98US-0079663P.

XX 27-MAR-1998; 98US-0079664P.

XX 27-MAR-1998; 98US-0079689P.

XX 27-MAR-1998; 98US-0079728P.

XX 27-MAR-1998; 98US-0079786P.

XX 30-MAR-1998; 98US-0079920P.

XX 30-MAR-1998; 98US-0079923P.

XX 31-MAR-1998; 98US-0080105P.

XX 31-MAR-1998; 98US-0080107P.

XX 31-MAR-1998; 98US-0080165P.

XX 31-MAR-1998; 98US-0080194P.

XX 01-APR-1998; 98US-0080327P.

XX 01-APR-1998; 98US-0080328P.

XX 01-APR-1998; 98US-0080333P.

XX 01-APR-1998; 98US-0080334P.

XX 08-APR-1998; 98US-0081049P.

XX 08-APR-1998; 98US-0081070P.

XX 08-APR-1998; 98US-0081071P.

XX 08-APR-1998; 98US-0081195P.

XX 09-APR-1998; 98US-0081203P.

XX 09-APR-1998; 98US-0081229P.

XX 15-APR-1998; 98US-0081817P.

XX 15-APR-1998; 98US-0081819P.

XX 15-APR-1998; 98US-0081838P.

XX 15-APR-1998; 98US-0081952P.

XX 15-APR-1998; 98US-0081955P.

XX 21-APR-1998; 98US-0082568P.

XX 21-APR-1998; 98US-0082569P.

XX 22-APR-1998; 98US-0082700P.

XX 22-APR-1998; 98US-0082704P.

XX 22-APR-1998; 98US-0082797P.

XX 23-APR-1998; 98US-0082804P.

XX 23-APR-1998; 98US-0082796P.

XX 07-OCT-1998; 98WO-US021141.

XX 07-OCT-1998; 98WO-US024855.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 10-MAR-1999; 99WO-US005190.

XX 14-MAY-1999; 99WO-US010733.

XX 02-JUN-1999; 99WO-US012252.

XX 30-NOV-1999; 99WO-US028313.

XX 02-DEC-1999; 99WO-US028551.

XX 02-DEC-1999; 99WO-US028565.

XX 16-DEC-1999; 99WO-US030095.

PR 30-DEC-1999; 99WO-US031243.

PR 30-DEC-1999; 99WO-US031274.

PR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.

PR 11-FEB-2000; 2000WO-US003565.

PR 18-FEB-2000; 2000WO-US004341.

PR 24-FEB-2000; 2000WO-US005004.

PR 02-MAR-2000; 2000WO-US005841.

PR 10-MAR-2000; 2000WO-US006319.

PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.

PR 17-MAY-2000; 2000WO-US013705.

PR 22-MAY-2000; 2000WO-US014042.

PR 30-MAY-2000; 2000WO-US014941.

PR 02-JUN-2000; 2000WO-US015264.

PR 28-JUL-2000; 2000WO-US020710.

PR 24-AUG-2000; 2000WO-US023328.

PR 01-DEC-2000; 2000WO-US032678.

PR 20-DEC-2000; 2000WO-US034956.

PR 28-FEB-2001; 2001WO-US006520.

PR 22-MAR-2001; 2001WO-US009552.

PR 25-MAY-2001; 2001WO-US017092.

PR 01-JUN-2001; 2001WO-US017800.

PR 20-JUN-2001; 2001WO-US019692.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-JUL-2001; 2001WO-US021735.

XX (GETH ) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;

XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;

PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;

PI Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-328860/31.

DR F-PSDB; ABU72210.

XX New secreted and transmembrane nucleic acids and polypeptides, designated

PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,

PT cardiac injury, infertility, birth defects, premature aging, AIDS, or

PT cancer.

XX Claim 2; Fig 44; 453pp; English.

PS The invention describes an isolated nucleic acid (I) comprising, or which

XX is at least 80 % sequence identity to, or the full-length coding sequence

CC of, any of 118 300-2100 nucleotide sequences, which encodes its

CC corresponding PRO polypeptide selected from 118 100-700 amino acid

CC sequences, all given in the specification. The nucleic acids and

CC polypeptides are useful for treating inflammatory diseases, organ

CC failure, atherosclerosis, cardiac injury, infertility, birth defects,

CC premature aging, AIDS, cancer, or diabetic complications. The nucleic

CC acids are useful as hybridisation probes, in chromosome and gene mapping,

CC and in generating antisense RNA or DNA. The polypeptides are useful as

CC pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful

CC in tissue typing. This sequence encodes a novel human secreted and

CC transmembrane PRO polypeptide

XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

SQ Query Match 99.7%; Score 2253; DB 7; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGCTGGGTGCGAGTGGAGCCGAGGACCGGAGCGGCTCAGGAGAGAGAGCGCGG 60

Db 1 CGGACCGCTGGGTGCGAGTGGAGCCGAGGACCGGAGCGGCTCAGGAGAGAGAGCGCGG 60

Qy 61 GCTTAGCTGCTACGGGGTCCGGCCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGA 120

Db 61 GCTTAGCTGCTACGGGGTCCGGCCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGA 120

QY 121 GGACCGTTCGGAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTGGG 180  
DB 121 GGACCGTTCGGAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTTCGGGAACGGCGGCGAGTGCAGAGCATCAGGGTCTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTCGGGAACGGCGGCGAGTGCAGAGCATCAGGGTCTGTAGCATCGGCAC 240  
QY 241 GTCAGCCTGGGCTCTGTCACTATGGAACCTAACTGGCCCTGCTGTACGGCTGGGAGAAGAA 300  
DB 241 GTCAGCCTGGGCTCTGTCACTATGGAACCTAACTGGCCCTGCTGTACGGCTGGGAGAAGAA 300  
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGAATGATGTTGGTGGTGGCTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGAATGATGTTGGTGGTGGCTGG 360  
QY 361 GACCAACAAATGCGAGTCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATCTGA 420  
DB 361 GACCAACAAATGCGAGTCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATCTGA 420  
QY 421 ATGAGTGTGAATGAACCCCGGCGATGCGCAACACAGATGTGATACACACGGAAGCT 480  
DB 421 ATGAGTGTGAATGAACCCCGGCGATGCGCAACACAGATGTGATACACACGGAAGCT 480  
QY 481 ACAAGTGTCTTTGCTTCAGTGGCCCATGCTCATGCGCAGATGCTACGTGTGTGAACCTTA 540  
DB 481 ACAAGTGTCTTTGCTTCAGTGGCCCATGCTCATGCGCAGATGCTACGTGTGTGAACCTTA 540  
QY 541 GGCATGTGCGATGAATAACTGTGAGTACAGTGTGAAGACACAGAAAGGGCCACAGT 600  
DB 541 GGCATGTGCGATGAATAACTGTGAGTACAGTGTGAAGACACAGAAAGGGCCACAGT 600  
QY 601 GCTGTGTCATCTCAGGACCTCCGCTGGCCGCGCAATGGAAGACATGCTAGATATTG 660  
DB 601 GCTGTGTCATCTCAGGACCTCCGCTGGCCGCGCAATGGAAGACATGCTAGATATTG 660  
QY 661 ATGAATGTGCTGTGTAAGTCACTGTCCTTACATCGAAGATGTGTGAACACATTTG 720  
DB 661 ATGAATGTGCTGTGTAAGTCACTGTCCTTACATCGAAGATGTGTGAACACATTTG 720  
QY 721 GAAGCTACTACTGCAATGTCAATGTTTCCAGTGCATATATCAGTGGACGATATG 780  
DB 721 GAAGCTACTACTGCAATGTCAATGTTTCCAGTGCATATATCAGTGGACGATATG 780  
QY 781 ACTGTATAGATATAAATGAATGATGATAGCCATACGTGCGGCCACCATGCGCAATT 840  
DB 781 ACTGTATAGATATAAATGAATGATGATAGCCATACGTGCGGCCACCATGCGCAATT 840  
QY 841 GCTTCATATCCCAAGGTCCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGGAC 900  
DB 841 GCTTCATATCCCAAGGTCCTTCAAGTGAATGCAAGCAGGATATAAAGGCAATGGAC 900  
QY 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGTATCCA 960  
DB 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTGTATCCA 960  
QY 961 TCAAGACAGATCAAGAGTCTGCTCACAABAAACAGCATGAAGAAGGGCAAAA 1020  
DB 961 TCAAGACAGATCAAGAGTCTGCTCACAABAAACAGCATGAAGAAGGGCAAAA 1020  
QY 1021 TTAAAAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGACGCCCT 1080  
DB 1021 TTAAAAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACCTTGACGCCCT 1080  
QY 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTCATGCGGTGAAGAAGGGAATG 1140  
DB 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTCATGCGGTGAAGAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAAGAGAGAAAGCCCTGAAGAATGA 1200  
DB 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAAGAGAGAAAGCCCTGAAGAATGA 1200

QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTCCCTAAGGTGAATCAAGCAGGTGA 1260  
DB 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTCCCTAAGGTGAATCAAGCAGGTGA 1260  
QY 1261 ATTGGGCTGATTTCTGTCCTAAAGGAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320  
DB 1261 ATTGGGCTGATTTCTGTCCTAAAGGAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320  
QY 1321 AAATATCTCGGTTGACATGCGAGCTCAATCATGGATCTGTGATGGAACAGGATAGAGA 1380  
DB 1321 AAATATCTCGGTTGACATGCGAGCTCAATCATGGATCTGTGATGGAACAGGATAGAGA 1380  
QY 1381 AGATGATTTTTCGATGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
DB 1381 AGATGATTTTTCGATGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
QY 1441 TCGGCTTGGCAGGTCACAAAGAAAGCATTTGGCCGATTTGAAACTTCTCTACTGACCT 1500  
DB 1441 TCGGCTTGGCAGGTCACAAAGAAAGCATTTGGCCGATTTGAAACTTCTCTACTGACCT 1500  
QY 1501 GCAACCCCAAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGCGCGGAGCAAAAGTCGG 1560  
DB 1501 GCAACCCCAAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGCGCGGAGCAAAAGTCGG 1560  
QY 1561 GAACTTCGAGTGTGTAAGAAAACAGTAACAATGCCCTGGCATGGGAGAAGACCCAGAG 1620  
DB 1561 GAACTTCGAGTGTGTAAGAAAACAGTAACAATGCCCTGGCATGGGAGAAGACCCAGAG 1620  
QY 1621 TGAGGATGAAAGTGAAGACAGGGAATAATTCAGTGTGATCAAGGAATCATGCTACCAA 1680  
DB 1621 TGAGGATGAAAGTGAAGACAGGGAATAATTCAGTGTGATCAAGGAATCATGCTACCAA 1680  
QY 1681 AAGCATCAATTTTGAAGCAGAACCTGCGAAGGGCAAAACCGCGGAAATCGCAGTGGATGG 1740  
DB 1681 AAGCATCAATTTTGAAGCAGAACCTGCGAAGGGCAAAACCGCGGAAATCGCAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGAGTAGGCTTTTATCTCTGATGACTCAATGTT 1800  
DB 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGAGTAGGCTTTTATCTCTGATGACTCAATGTT 1800  
QY 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTCCCTGGTTTTTTTGTATGATGATGATG 1860  
DB 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTCCCTGGTTTTTTTGTATGATGATGATG 1860  
QY 1861 GACCTCTGCGATTTTAGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
DB 1861 GACCTCTGCGATTTTAGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGATGCTTTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
DB 1921 TGTAAAGATGCTTTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTGAGTCAATTTCTGAAATCTTCCNCATTTATTTATAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTTCTGAGTCAATTTCTGAAATCTTCCNCATTTATTTATAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTANGTCTCTCTCTACAA 2100  
DB 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTANGTCTCTCTCTACAA 2100  
QY 2101 CATTTCTAGAAATGAAAAAAGCAGAGGAATGTTTAACTGTTTGACTCTTATGAT 2160  
DB 2101 CATTTCTAGAAATGAAAAAAGCAGAGGAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAACACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGCTTT 2220  
DB 2161 ACTTCTTGGAACACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGCTTT 2220  
QY 2221 TCAATACCAAACTGTATATTTTAACTTCTTGTAAATAAA 2260  
DB 2221 TCAATACCAAACTGTATATTTTAACTTCTTGTAAATAAA 2260



RESULT 7  
 ID ACA71723 standard; cDNA; 2260 BP.  
 AC ACA71723;  
 XX  
 XX  
 DT 11-AUG-2003 (first entry)  
 DE Human secreted and transmembrane polypeptide PRO320 cDNA.  
 KW Human; ss; gene; thrombolytic agent; interferon; interleukin; cytokine;  
 KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;  
 KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;  
 KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;  
 KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;  
 KW hypertension; myocardial ischemia; kidney disease; carcinogenesis;  
 KW glomerulonephritis; lung disease; pulmonary hypertension; preeclampsia;  
 KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;  
 KW inflammatory bowel disease; reproductive disorder; premature labour.  
 XX Homo sapiens.  
 OS  
 XX  
 PN US2002177553-A1.  
 XX  
 PD 28-NOV-2002.  
 XX  
 XX  
 PF 15-OCT-2001; 2001US-00978192.  
 XX  
 PR 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 11-MAR-1998; 98US-0077649P.  
 PR 12-MAR-1998; 98US-0077791P.  
 PR 13-MAR-1998; 98US-0078004P.  
 PR 17-MAR-1998; 98US-00040220.  
 PR 20-MAR-1998; 98US-0078886P.  
 PR 20-MAR-1998; 98US-0078910P.  
 PR 20-MAR-1998; 98US-0078936P.  
 PR 20-MAR-1998; 98US-0078939P.  
 PR 25-MAR-1998; 98US-0079294P.  
 PR 26-MAR-1998; 98US-0079656P.  
 PR 27-MAR-1998; 98US-0079663P.  
 PR 27-MAR-1998; 98US-0079669P.  
 PR 27-MAR-1998; 98US-0079689P.  
 PR 27-MAR-1998; 98US-0079728P.  
 PR 30-MAR-1998; 98US-0079785P.  
 PR 30-MAR-1998; 98US-0079920P.  
 PR 30-MAR-1998; 98US-0079923P.  
 PR 26-JUN-1998; 98US-00105413.  
 PR 07-OCT-1998; 98US-00168978.  
 PR 07-OCT-1998; 98US-00211141.  
 PR 02-NOV-1998; 98US-00184216.  
 PR 06-NOV-1998; 98US-00187368.  
 PR 20-NOV-1998; 98US-00248855.  
 PR 07-DEC-1998; 98US-00202054.  
 PR 22-DEC-1998; 98US-00218517.  
 PR 05-JAN-1999; 99US-00000106.  
 PR 05-MAR-1999; 99US-00254465.  
 PR 08-MAR-1999; 99US-00050028.  
 PR 10-MAR-1999; 99US-00265686.  
 PR 10-MAR-1999; 99US-00050190.  
 PR 12-MAR-1999; 99US-00267213.  
 PR 12-APR-1999; 99US-00284291.  
 PR 14-MAY-1999; 99US-00311832.  
 PR 14-MAY-1999; 99US-00310733.  
 PR 02-JUN-1999; 99US-0012252.  
 PR 25-AUG-1999; 99US-00380137.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 25-AUG-1999; 99US-00380142.  
 PR  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 02-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US000365.  
 PR 18-FEB-2000; 2000WO-US000341.  
 PR 24-FEB-2000; 2000WO-US000504.  
 PR 02-MAR-2000; 2000WO-US0005841.  
 PR 10-MAR-2000; 2000WO-US006319.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000US-00709238.  
 PR 27-NOV-2000; 2000US-00723749.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 22-MAR-2001; 2001US-00816920.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 25-MAY-2001; 2001US-00854280.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882536.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX (GETH ) GENENTECH INC.  
 PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2003-328499/31.  
 DR P-PSDB; ABUS4890.  
 XX  
 DR  
 XX  
 PT New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as  
 PT pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying  
 PT modulators of receptor-ligand interactions.  
 XX  
 PS Claim 2; SEQ ID NO 118; 55pp; English.  
 CC  
 CC The invention relates to an isolated secreted and transmembrane  
 CC polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful  
 CC in PRO polypeptide detection methods. The PRO polypeptide is useful for  
 CC linking a bioactive molecule to a cell. The PRO polypeptide or an  
 CC antibody against it is useful for modulating a biological activity of a  
 CC cell. The PRO polypeptide is useful in industrial applications including  
 CC pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO  
 CC polypeptide is also useful as a thrombolytic agent, interferon,  
 CC interleukin, erythropoietin, colony stimulating factor and other  
 CC cytokines. The PRO polypeptide is useful for treating disease such as  
 CC cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,  
 CC amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,

atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,  
Parkinson's disease; cardiovascular disease e.g. hypertension and  
myocardial ischemia; kidney disease e.g. renal failure and  
glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial  
asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory  
bowel disease; reproductive disorders e.g. premature labour and  
pre-eclampsia; carcinogenesis. The present sequence represents a cDNA  
encoding a PRO polypeptide of the invention. Note: The sequence data for  
this patent did not form part of the printed specification but was  
obtained in electronic format directly from USPTO at  
seqdata.uspto.gov/sequence.html?DocID=20020177553

XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;  
SQ

Query Match 99.7%; Score 2253; DB 7; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGGTGGTGGAGTGGAGCGGAGGAGCCGAGCGCTGAGGAGAGAGGCGGCG 60  
DB 1 CGGACCGGTGGTGGAGTGGAGCGGAGGAGCCGAGCGCTGAGGAGAGAGGCGGCG 60

QY 61 GCTTAGCTGCTACGGGGTCCGGCCCGCGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGGTCCGGCCCGCGCGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120

QY 121 GGACCGTGGAGAGTCTCTGCCCTGGAGCTTGGCTCCGCTCGCTCTCTCTGGG 180  
DB 121 GGACCGTGGAGAGTCTCTGCCCTGGAGCTTGGCTCCGCTCGCTCTCTCTGGG 180

QY 181 TGGCAGGTGTTTCGGGGAACGGCGCCAGTGCAGGCGATCACGGGTGTTAGCATCGGCAC 240  
DB 181 TGGCAGGTGTTTCGGGGAACGGCGCCAGTGCAGGCGATCACGGGTGTTAGCATCGGCAC 240

QY 241 GTGAGCTGGGTCTGTCTACTATGGAATTAAGTGGCTGCTGCTACGGCTGGAGAGAA 300  
DB 241 GTGAGCTGGGTCTGTCTACTATGGAATTAAGTGGCTGCTGCTACGGCTGGAGAGAA 300

QY 301 ACAGCAAGGAGTCTGTGAAGCTACATGGGAACCTGGATGTAAGTTGGTGAAGTGGTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATGGGAACCTGGATGTAAGTTGGTGAAGTGGTGG 360

QY 361 GACCAACAAATGAGATGCTTCCAGGATACACCGGGGAACCTGCGCTGAGATGGA 420  
DB 361 GACCAACAAATGAGATGCTTCCAGGATACACCGGGGAACCTGCGCTGAGATGGA 420

QY 421 ATGAGTGGGAATGAACCCCGCCATGCAACACAGATGTGTGAATACACACGGAAGCT 480  
DB 421 ATGAGTGGGAATGAACCCCGCCATGCAACACAGATGTGTGAATACACACGGAAGCT 480

QY 481 ACAAGTCTTTGGCTCAGTGGCCACATGCTATGCCAGATGCTAGTGTGTAATCTTA 540  
DB 481 ACAAGTCTTTGGCTCAGTGGCCACATGCTATGCCAGATGCTAGTGTGTAATCTTA 540

QY 541 GGACATGGCCATGATATACTGTGAGTACAGTGTGAGACACAGAAAGGCGCCACAGT 600  
DB 541 GGACATGGCCATGATATACTGTGAGTACAGTGTGAGACACAGAAAGGCGCCACAGT 600

QY 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
DB 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTGTGGTAAAGTCACTGTCCCTACATCGAAGATGTGGAACACATTG 720  
DB 661 ATGAATGTGCTGTGGTAAAGTCACTGTCCCTACATCGAAGATGTGGAACACATTG 720

QY 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGGAACTGCAATATATCAGTGGAGCATATG 780  
DB 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGGAACTGCAATATATCAGTGGAGCATATG 780

QY 781 ACTGTATAGATATAAATGAATGACTATGATAGCCATACGTCAGCCACCATGCCAAT 840  
DB 781 ACTGTATAGATATAAATGAATGACTATGATAGCCATACGTCAGCCACCATGCCAAT 840

QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGGATATAAAGGCATGGAC 900  
DB 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGGATATAAAGGCATGGAC 900

QY 901 TTCGTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACTGGTACCA 960  
DB 901 TTCGTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACTGGTACCA 960

QY 961 TCAAGACAGAAATCAAGAAGTGTCTGCTCAAAAACAGCATGAAAGAGGCAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAAGTGTCTGCTCAAAAACAGCATGAAAGAGGCAAAA 1020

QY 1021 TTAAATGTTTACCCGAGACCCACAGGACTCTACCCCTAAGGTGAACCTTCAGCCCT 1080  
DB 1021 TTAAATGTTTACCCGAGACCCACAGGACTCTACCCCTAAGGTGAACCTTCAGCCCT 1080

QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAAGGAATG 1140  
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAAGGAATG 1140

QY 1141 AAGAGAAATGAAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200  
DB 1141 AAGAGAAATGAAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200

QY 1201 CATAGAGGAGGAGAGCTGCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGTGA 1260  
DB 1201 CATAGAGGAGGAGAGCTGCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGTGA 1260

QY 1261 ATTCCGCTGATTCGTGTCGAAAGGAGCGCTAACTTCCAACTGGAACATAAAGATT 1320  
DB 1261 ATTCCGCTGATTCGTGTCGAAAGGAGCGCTAACTTCCAACTGGAACATAAAGATT 1320

QY 1321 AAATATCTCGGTGACTGACGCTCAATCATGGGATCTGTGACTGGAAAACAGGATAGAGA 1380  
DB 1321 AAATATCTCGGTGACTGACGCTCAATCATGGGATCTGTGACTGGAAAACAGGATAGAGA 1380

QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAAGTCTATGGCTCTCTATATGGCAGT 1440  
DB 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAAGTCTATGGCTCTCTATATGGCAGT 1440

QY 1441 TCCGGCTTGGCAGGTCAACAAGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGACCT 1500  
DB 1441 TCCGGCTTGGCAGGTCAACAAGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGACCT 1500

QY 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGGCGGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGGCGGAGACAAAGTCGG 1560

QY 1561 GAACTTCCAGTGTGTTGTGAAAAACAGTAACAATGSCCTGGCATGGGAGAGACACAGAG 1620  
DB 1561 GAACTTCCAGTGTGTTGTGAAAAACAGTAACAATGSCCTGGCATGGGAGAGACACAGAG 1620

QY 1621 TGAGGATGAAAGTGGAGACAGGGGAAATTCAGTTGTATCAAGGAAGTGTGCTACCAA 1680  
DB 1621 TGAGGATGAAAGTGGAGACAGGGGAAATTCAGTTGTATCAAGGAAGTGTGCTACCAA 1680

QY 1681 AAGCATCATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740  
DB 1681 AAGCATCATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740

QY 1741 CGTCTTGTGTTTCAAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAAGTT 1800  
DB 1741 CGTCTTGTGTTTCAAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAAGTT 1800

QY 1801 ACTATCTTTTATATTTGACCTTGTATGTCCCTGGTTTCTTTTGTATTTGTCATCATAG 1860  
DB 1801 ACTATCTTTTATATTTGACCTTGTATGTCCCTGGTTTCTTTTGTATTTGTCATCATAG 1860

QY 1861 GACCTCTGGCATTTTGAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATTTAT 1920  
DB 1861 GACCTCTGGCATTTTGAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATTTAT 1920

QY 1921 TGTAAAGATGCTTCTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
DB 1921 TGTAAAGATGCTTCTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
DB 2101 CATTTCTAGAAAATAGAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
QY 2161 ACTTCTTGGAACATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220  
DB 2161 ACTTCTTGGAACATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220  
QY 2221 TCATAGCCCAACTTGTATATTTTCTTTGTAATAATA 2260  
DB 2221 TCATAGCCCAACTTGTATATTTTCTTTGTAATAATA 2260

RESULT 8  
ABX92363  
ID ABX92363 standard; cDNA; 2260 BP.  
XX  
AC ABX92363;  
XX  
DT 08-MAY-2003 (first entry)  
XX  
DE cDNA encoding human PRO320 polypeptide.  
XX

KW Human; PRO polypeptide; secreted and transmembrane protein;  
KW immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia;  
KW cardiac insufficiency; nervous system disorder; kidney disorder;  
KW bone disorder; cartilage disorder; arthritis; tumour; wound healing;  
KW genetic disorder; cytostatic; antidiabetic; antiinflammatory;  
KW antiarrhythmic; anti-tumour; vulnery; antianaemic; dermatological;  
KW cardiant; gene; ss.  
XX  
OS Homo sapiens.  
XX  
PN US2002169284-A1.  
XX  
PD 14-NOV-2002.  
XX  
PF 16-OCT-2001; 2001US-00978697.

XX 26-MAY-1981; 81US-00267213.  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 25-MAR-1998; 98US-0078939P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 26-JUN-1998; 98US-00105413.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98WO-US021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98WO-US024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 05-JAN-1999; 98WO-US000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-APR-1999; 99US-00284291.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 10-MAY-2001; 2001US-00854208.  
PR 25-MAY-2001; 2001US-00854280.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.

(GETH ) GENENTECH INC.

PI Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D;  
PI Ferrara N, Filvaroff E, Fong S, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;



```
QY 1621 TGAGGATGAAAGTGGAGAGACAGGGAATAATTCAGTTCTATCAAGGAACGTGATGCTACCAA 1680
Db 1621 TCAGGATGAAAGTGGAGAGACAGGGAATAATTCAGTTCTATCAAGGAACGTGATGCTACCAA 1680
QY 1681 AAGCATCATTTTGAAGCAGAACCTGCGAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAACCTGCGAAGGCAAAACCGGCGAAATCGCAGTGGATGG 1740
QY 1741 CGTCTGCTGCTTTTCAGCTTTATCTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
Db 1741 CGTCTGCTGCTTTTCAGCTTTATCTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATATTTGATTTGTATGTCAGTCCCTGGTTTTTTTGTATTTGCATCATAG 1860
Db 1801 ACTATCTTTATATTTGATTTGTATGTCAGTCCCTGGTTTTTTTGTATTTGCATCATAG 1860
QY 1861 GACCTCTGGCAATTTAGAAATTAAGTCTAGCTGAAAATTTGAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCAATTTAGAAATTAAGTCTAGCTGAAAATTTGAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGTGCCTTCTTGTATAGATATGCCAATATTTTGCCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGTGCCTTCTTGTATAGATATGCCAATATTTTGCCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTGNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCTGNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAAATAGAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTCTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTCTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAAACTGTATATTTAATTTCTTGTATAATAA 2260
Db 2221 TCATAGCCAAACTGTATATTTAATTTCTTGTATAATAA 2260

RESULT 9
ACSA66104
ID ACSA66104 standard; cdna; 2260 BP.
XX AC ACSA66104;
XX DT 24-JUN-2003 (first entry)
XX DE Human cDNA encoding secreted/transmembrane protein PRO320.
XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;
KW malignancy; cancer; ovarian cancer; colorectal cancer; sarcoma;
KW leukemia; lymphoma; inflammatory disease; necrosis; atherosclerosis;
KW infertility; premature aging; psoriasis; inflammatory disease;
KW renal disease; arthritis; immune-mediated alopecia; stroke; encephalitis;
KW hepatitis; multiple sclerosis; gene therapy.
XX OS Homo sapiens.
XX PN US2003004102-A1.
XX PD 02-JAN-2003.
XX PF 15-OCT-2001; 2001US-00978189.
XX PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
```

PR 22-MAR-2001; 2001US-00816920.  
 PR 22-MAR-2001; 2001MO-US009552.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 25-MAY-2001; 2001US-00854280.  
 PR 01-JUN-2001; 2001US-00817092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001MO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00883342.  
 PR 20-JUN-2001; 2001MO-US019692.  
 PR 29-JUN-2001; 2001MO-US021066.  
 PR 09-JUL-2001; 2001MO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Abkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI K-javin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart IA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI: 2003-341189/32.  
 DR P-PSDB; ABU80357.  
 XX  
 PT New genes and secreted and transmembrane polypeptides (e.g. PRO337 or  
 PT PRO1559), useful for treating or diagnosing e.g. cancers,  
 PT atherosclerosis, infertility, stroke, encephalitis, hepatitis or multiple  
 PT sclerosis in mammals.  
 XX  
 PS Claim 2; Fig 44; 460pp; English.  
 XX  
 CC The invention relates to a new isolated nucleic acid molecule comprises a  
 CC sequence with at least 80% identity to: (a) a nucleotide encoding any of  
 CC 94 PRO polypeptides whose sequences are fully defined in the  
 CC specification; or (b) any of 94 nucleotide sequences fully defined in the  
 CC specification; or the full length coding sequence of any these 94  
 CC nucleotide sequences. Also included are an isolated PRO polypeptide  
 CC scoring at least 80% positives when compared to any of the PRO  
 CC polypeptide sequences cited above (or an isolated PRO polypeptide having  
 CC at least 80% amino acid sequence identity to: (a) an amino acid sequence  
 CC encoded by the nucleotide deposited with ATCC numbers listed in the  
 CC specification; (b) the PRO polypeptide, lacking its associated signal  
 CC peptide; or (c) an extracellular domain of the PRO polypeptide, with or  
 CC lacking its associated signal peptide), a vector comprising the nucleic  
 CC acid molecule, a host cell comprising the vector (and producing a PRO  
 CC polypeptide), a chimeric molecule comprising the PRO polypeptide fused  
 CC to a heterologous amino acid sequence and an anti-PRO antibody. The PRO  
 CC polypeptides or polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. These are particularly useful for  
 CC detecting or treating e.g. malignancies or cancers (e.g. ovarian cancer,  
 CC colorectal cancer, sarcoma, leukaemia or lymphoma), inflammatory disease,  
 CC necrosis, atherosclerosis, infertility, premature aging, psoriasis,  
 CC inflammatory disease, renal disease, arthritis, immune-mediated alopecia,  
 CC stroke, encephalitis, hepatitis, or multiple sclerosis in mammals. The  
 CC PRO polypeptides are useful in drug screening, particularly as targets  
 CC for therapeutic intervention in these diseases, and in the diagnostic  
 CC determination of the presence of these diseases. The PRO polypeptides are  
 CC also useful as molecular weight markers, or for chromosome  
 CC identification. The PRO genes are useful as hybridisation probes, or for  
 CC screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may  
 CC also be used in gene therapy, particularly for replacing a defective  
 CC gene. The present sequence encodes a PRO polypeptide  
 XX  
 SQ Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;  
 Query Match 99.7%; Score 2253; DB 7; Length 2260;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGGCGGCG 60  
 |||

Db	1	CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGGCGGCG	60
Qy	61	GCTTAGCTGCTACGGGGTCCGCGCGGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAGGA	120
Db	61		120
Qy	121	GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTCTGGG	180
Db	121	GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTCTGGG	180
Qy	181	TGGCAGGTGGTTCGGGAAACGGGCGCAGTGAAGGCATCAGGGTCTGTAGCATCGGCAC	240
Db	181	TGGCAGGTGGTTCGGGAAACGGGCGCAGTGAAGGCATCAGGGTCTGTAGCATCGGCAC	240
Qy	241	GTGAGCTGGGTCTGTCACTATGGAACCTAACTGGCTGTGTACGGCTGGAGAGAA	300
Db	241	GTGAGCTGGGTCTGTCACTATGGAACCTAACTGGCTGTGTACGGCTGGAGAGAA	300
Qy	301	ACAGCAAGGAGTCTGTAAGCTACATCGGAACCTGGAATGTAAGTCTGGTGGTGGTGG	360
Db	301	ACAGCAAGGAGTCTGTAAGCTACATCGGAACCTGGAATGTAAGTCTGGTGGTGGTGG	360
Qy	361	GACCAAAACAATGCAAGATGCTTTCCAGGATACACCGGGAACCTCGAGTCAAGATGGA	420
Db	361	GACCAAAACAATGCAAGATGCTTTCCAGGATACACCGGGAACCTCGAGTCAAGATGGA	420
Qy	421	ATGAGTGTGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACACCGAGCT	480
Db	421	ATGAGTGTGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACACCGAGCT	480
Qy	481	ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACCTA	540
Db	481	ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACCTA	540
Qy	541	GGACATGTGCAATGATAAATCTGTGAGTACAGTGTGAAGACACAGAGAGGGCCACAGT	600
Db	541	GGACATGTGCAATGATAAATCTGTGAGTACAGTGTGAAGACACAGAGAGGGCCACAGT	600
Qy	601	GCTGTGTCCATCTCTCAGGACCTCCGCTGGCGCCCAATGGAAGAGAGCTGTCTAGATATG	660
Db	601	GCTGTGTCCATCTCTCAGGACCTCCGCTGGCGCCCAATGGAAGAGAGCTGTCTAGATATG	660
Qy	661	ATGATGTGCTCTGGTAAAGTCACTCTGCTCAATTCGAAGATGTGTGAACACATTTG	720
Db	661	ATGATGTGCTCTGGTAAAGTCACTCTGCTCAATTCGAAGATGTGTGAACACATTTG	720
Qy	721	GAACTACTACTGCAAAATGTCTCATTTGTTTGGAACTGCAATATATCAGTGGAGCATATG	780
Db	721	GAACTACTACTGCAAAATGTCTCATTTGTTTGGAACTGCAATATATCAGTGGAGCATATG	780
Qy	781	ACTGTATAGATATAAATGAATGTAATCTGATGATAGCATACTGAGCCACCATGCCAATT	840
Db	781	ACTGTATAGATATAAATGAATGTAATCTGATGATAGCATACTGAGCCACCATGCCAATT	840
Qy	841	GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCGGATATAAAGGCAATGGAC	900
Db	841	GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCGGATATAAAGGCAATGGAC	900
Qy	901	TTGCGTGTCTGCTATCCCTGAAAATCTGTGAAGAAAGTCTCTCAGAGCACCTGGTACCA	960
Db	901	TTGCGTGTCTGCTATCCCTGAAAATCTGTGAAGAAAGTCTCTCAGAGCACCTGGTACCA	960
Qy	961	TCAACACACAGATCAAGAAGTGTCTGCTCAAAAACAGCATGAAAAGAAAGGCAAAA	1020
Db	961	TCAACACACAGATCAAGAAGTGTCTGCTCAAAAACAGCATGAAAAGAAAGGCAAAA	1020
Qy	1021	TTAAAAATGTTACCCAGAAACCCACAGAGCTCTTACCCCTAAGTGAACCTTGAGCCCT	1080
Db	1021	TTAAAAATGTTACCCAGAAACCCACAGAGCTCTTACCCCTAAGTGAACCTTGAGCCCT	1080
Qy	1081	TCAACTATCAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG	1140
Db	1081	TCAACTATCAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG	1140



1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
Db |||||  
1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
Qy |||||  
1201 CATAGAGAGCGAGCGCTGCGAGGAGATGTGTTTCCCTAAGCTGAATGAAGCAGGTGA 1260  
Db |||||  
1201 CATAGAGAGCGAGCGCTGCGAGGAGATGTGTTTCCCTAAGCTGAATGAAGCAGGTGA 1260  
Qy |||||  
1261 ATTGGGCTGATTCTGGTCCAAAGAAAGCGCTAACTTCCAACTGGAAATGAAGATTT 1320  
Db |||||  
1261 ATTGGGCTGATTCTGGTCCAAAGAAAGCGCTAACTTCCAACTGGAAATGAAGATTT 1320  
Qy |||||  
1321 AAAATATCCGCTTCACTGCGAGCTTCAATCATGGGATCTGACTGGAACAGATAGAGA 1380  
Db |||||  
1321 AAAATATCCGCTTCACTGCGAGCTTCAATCATGGGATCTGACTGGAACAGATAGAGA 1380  
Qy |||||  
1381 AGATGATTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGACT 1440  
Db |||||  
1381 AGATGATTTTGAATGCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGACT 1440  
Qy |||||  
1441 TCCGGCTTGGCAGGTCAAGAAAGACATGGCCGATGAAACTTCTCTACCTGACCT 1500  
Db |||||  
1441 TCCGGCTTGGCAGGTCAAGAAAGACATGGCCGATGAAACTTCTCTACCTGACCT 1500  
Qy |||||  
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATTACCGCTGCGCGAGACAAAGTCGG 1560  
Db |||||  
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTGTATTACCGCTGCGCGAGACAAAGTCGG 1560  
Qy |||||  
1561 GAACTTCGAGTGTGTGAAAGAAACAGTAACAATGCTGCGCTGGGAGAGAACCAAGAG 1620  
Db |||||  
1561 GAACTTCGAGTGTGTGAAAGAAACAGTAACAATGCTGCGCTGGGAGAGAACCAAGAG 1620  
Qy |||||  
1621 TGAGATCAAAAGTGAAGAGACAGGAAATTCAGTGTGTATCAAGGAATGATCTACCAA 1680  
Db |||||  
1621 TGAGATCAAAAGTGAAGAGACAGGAAATTCAGTGTGTATCAAGGAATGATCTACCAA 1680  
Qy |||||  
1681 AAGCATCAATTTTGAAGCAGAACCTGGCAGAGGCAAAACCGGCAAAATCGCAGTGATGG 1740  
Db |||||  
1681 AAGCATCAATTTTGAAGCAGAACCTGGCAGAGGCAAAACCGGCAAAATCGCAGTGATGG 1740  
Qy |||||  
1741 CGTCTTGCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTGTGATGACGTGAATGTT 1800  
Db |||||  
1741 CGTCTTGCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTGTGATGACGTGAATGTT 1800  
Qy |||||  
1801 ACTATCTTTATATGACTTTGATGTCAGTTCCTCGTCTTTTGTATATGTCATCATAG 1860  
Db |||||  
1801 ACTATCTTTATATGACTTTGATGTCAGTTCCTCGTCTTTTGTATATGTCATCATAG 1860  
Qy |||||  
1861 GACCTCTGGCATTTAGATTTAGCTGAGAAATTCATGATGATACCAAGAAATTTAT 1920  
Db |||||  
1861 GACCTCTGGCATTTAGATTTAGCTGAGAAATTCATGATGATACCAAGAAATTTAT 1920  
Qy |||||  
1921 TGTAAGATGCTCTTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db |||||  
1921 TGTAAGATGCTCTTCTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy |||||  
1981 ATCTCTCAGTCATTTCTGAATCTTTCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
Db |||||  
1981 ATCTCTCAGTCATTTCTGAATCTTTCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
Qy |||||  
2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGCTCTCTACAA 2100  
Db |||||  
2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTGTGCTCTCTACAA 2100  
Qy |||||  
2101 CATTTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
Db |||||  
2101 CATTTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
Qy |||||  
2161 ACTTCTTGAAACTATGATCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
Db |||||  
2161 ACTTCTTGAAACTATGATCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220

Qy 2221 TCATAGCCAACTGTATATTAATTTCTTTGTAATAATAA 2260  
Db |||||  
2221 TCATAGCCAACTGTATATTAATTTCTTTGTAATAATAA 2260  
RESULT 10  
ADA24657  
ID ADA24657 standard; cDNA; 2260 BP.  
XX  
AC ADA24657;  
XX  
DT 20-NOV-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein PRO320 cDNA.  
XX  
KW Human; secreted and transmembrane protein; PRO; gene; ss; tissue typing;  
KW chromosome identification; vaccine; cancer; retinal disorder;  
KW sports-related joint disorder; osteoarthritis; rheumatoid arthritis;  
KW wound healing; obesity; diabetes; hearing loss;  
KW cardiac insufficiency disorder; kidney disorder; nervous system disorder;  
KW haemoglobin associated disorder.  
XX  
OS Homo sapiens.  
XX  
FN US2003050241-A1.  
XX  
PD 13-MAR-2003.  
XX  
PF 16-OCT-2001; 2001US-00978564.  
XX  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.

```
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 23-APR-1998; 98US-0083336P.
PR 24-APR-1998; 98US-0083322P.
PR 24-APR-1998; 98US-0083392P.
PR 24-APR-1998; 98US-0083495P.
PR 25-APR-1998; 98US-0083496P.
PR 25-APR-1998; 98US-0083499P.
PR 25-APR-1998; 98US-0083500P.
PR 25-APR-1998; 98US-0083545P.
PR 25-APR-1998; 98US-0083554P.
PR 25-APR-1998; 98US-0083558P.
PR 25-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 03-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084411P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 13-MAY-1998; 98US-0085373P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 18-MAY-1998; 98US-0086704P.
PR 22-MAY-1998; 98US-00868023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-0100211P.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98US-0109304P.
PR 22-DEC-1998; 98US-0113296P.
PR 22-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 98US-0113621P.
PR 05-JAN-1999; 98US-0113621P.
PR 08-MAR-1999; 98US-0113621P.
PR 10-MAR-1999; 98US-0113621P.
PR 12-MAR-1999; 98US-0123957P.
PR 29-MAR-1999; 98US-0126773P.
PR 21-APR-1999; 98US-0130232P.
PR 21-APR-1999; 98US-0130232P.
PR 28-APR-1999; 98US-0131022P.
PR 28-APR-1999; 98US-0131445P.
PR 14-MAY-1999; 98US-0134287P.
PR 14-MAY-1999; 98US-0134287P.
PR 02-JUN-1999; 98US-0134287P.
PR 02-JUN-1999; 98US-0134287P.
PR 16-JUN-1999; 98US-0134287P.
PR 23-JUN-1999; 98US-0141037P.
PR 07-JUL-1999; 98US-0142680P.
PR 26-JUL-1999; 98US-0145698P.
PR 28-JUL-1999; 98US-0146222P.

PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99US-0162506P.
PR 02-DEC-1999; 99US-0162506P.
PR 02-DEC-1999; 99US-0162506P.
PR 16-DEC-1999; 99US-0162506P.
PR 30-DEC-1999; 99US-0162506P.
PR 05-JAN-2000; 99US-0162506P.
PR 06-JAN-2000; 99US-0162506P.
PR 06-JAN-2000; 99US-0162506P.
PR 11-FEB-2000; 99US-0162506P.
PR 18-FEB-2000; 99US-0162506P.
PR 24-FEB-2000; 99US-0162506P.
PR 02-MAR-2000; 99US-0162506P.
PR 10-MAR-2000; 99US-0162506P.
PR 21-MAR-2000; 99US-0162506P.
PR 30-MAR-2000; 99US-0162506P.
PR 17-MAY-2000; 99US-0162506P.
PR 22-MAY-2000; 99US-0162506P.
PR 30-MAY-2000; 99US-0162506P.
PR 02-JUN-2000; 99US-0162506P.
PR 01-JUN-2001; 99US-0162506P.
PR 20-JUN-2001; 99US-0162506P.
PR 29-JUN-2001; 99US-0162506P.
PR 09-JUL-2001; 99US-0162506P.
PR 30-JUL-2001; 99US-0162506P.

(GETH ) GENENTECH INC.
Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Garritsen ME;
Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
Stewart TA, Tumas D, Williams PM, Wood WI;
WPI; 2003-521814/49.
P-PSDB; ADA24658.

New isolated PRO polypeptides for example extracellular, secreted and
membrane bound proteins, useful for modulating the biological activities
of cells and for treating, for example diabetes, cancer, rheumatoid
arthritis, and hearing loss.

Claim 2; Fig 44; 461pp; English.

The invention describes an isolated secreted and transmembrane (PRO)
polypeptide (I). PRO337 polypeptide is useful for detecting PRO4993
polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are
useful for detecting PRO1559 polypeptide in a sample, and PRO1559 is
useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is
useful for linking a bioactive molecule to a cell expressing a PRO337
polypeptide, and PRO337 is useful for linking a bioactive molecule to a
cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a
bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739

Query Match 99.7%; Score 2253; DB 8; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGCGGCG 60
Db 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGCGGCG 60
Qy 61 GCTTAGCTCTACGGGTCCGCGCGGCGGCTCCGAGGGGGGCTCAGGAGAGAGGA 120
Db 61 GCTTAGCTCTACGGGTCCGCGCGGCGGCTCCGAGGGGGGCTCAGGAGAGAGGA 120
```





PR 16-DEC-1999; 99WO-US0300095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001WO-US00918585.  
XX PA (GETH ) GENENTECH INC.

XX PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillian KJ;  
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WL;  
XX WPI: 2003-503575/47.  
DR P-PSDB; ABO19659.

XX PI Novel secreted and transmembrane polypeptide for modulating biological  
PT activity of cell expressing the polypeptide, identifying agonists or  
PT antagonists of polypeptide, and as molecular weight markers.  
XX Claim 2; Fig 44; 459pp; English.

CC The invention describes an isolated, secreted and transmembrane  
CC polypeptide, termed PRO polypeptide (i). (i) is useful for detecting  
CC PRO4993, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for  
CC linking a bioactive molecule to a cell expressing the above polypeptides.  
CC The bioactive molecule is a toxin, radiolabel or an antibody and causes  
CC cell death. (i) is useful as therapeutic agent, in medical and industrial  
CC applications e.g. for treating neuropathy, especially peripheral  
CC neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy,  
CC Charcot-Marie-Tooth disease, Refsum's disease, Abetalipoproteinaemia,

Query Match 99.7%; Score 2253; DB 8; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAGCGCTGGTGGAGTGGAGCCGAGACCCGAGCGGCTGAGGAGAGAGGCGCG 60  
DB 1 CGAGCGCTGGTGGAGTGGAGCCGAGACCCGAGCGGCTGAGGAGAGAGGCGCG 60  
QY 61 GCTTAGCTCTACGGGGTCCGGCCCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTCTACGGGGTCCGGCCCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120  
QY 121 GGACCGCTCGAGAGATGCTCTGCGCTCGAGGCTCGGCTCGGCTCGGCTCGGCTCGG 180  
DB 121 GGACCGCTCGAGAGATGCTCTGCGCTCGAGGCTCGGCTCGGCTCGGCTCGGCTCGG 180

QY 181 TGGCAGGTGGTTCGGAACCGCGGCAGTGCAGGCGATCACGGGTGTGTAGCATCGGCAC 240  
DB TGGCAGGTGGTTCGGAACCGCGGCAGTGCAGGCGATCACGGGTGTGTAGCATCGGCAC 240  
QY 241 GTGAGCTGGGTCTGTCACTATGGAACCTAACTGCGCTGCTGCTACGGCTCGAGAGAA 300  
DB GTGAGCTGGGTCTGTCACTATGGAACCTAACTGCGCTGCTGCTACGGCTCGAGAGAA 300  
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGGTGGTGG 360  
DB ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGGTGGTGG 360  
QY 361 GACCAACCAATGCAAGTCTTCCAGGATACACCGGGAACCTGCACTCAAGATGCA 420  
DB GACCAACCAATGCAAGTCTTCCAGGATACACCGGGAACCTGCACTCAAGATGCA 420  
QY 421 ATGAGTGTGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480  
DB ATGAGTGTGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480  
QY 481 ACAAGTGTTCGCTCAGTGGGCAATGCTCATGCTGATGCGATGCTGCTGCTGCTGCTA 540  
DB ACAAGTGTTCGCTCAGTGGGCAATGCTCATGCTGATGCGATGCTGCTGCTGCTGCTA 540  
QY 541 GGACATGTGCATGATGAACCTGTGAGTACAGCTGTGAGACACAGAGAGAGGCGCCACAGT 600  
DB GGACATGTGCATGATGAACCTGTGAGTACAGCTGTGAGACACAGAGAGAGGCGCCACAGT 600  
QY 601 GCCTGTGTCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGAGCTGCTGATGATTTG 660  
DB GCCTGTGTCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGAGCTGCTGATGATTTG 660  
QY 661 ATGAATGTGCTCTGGTAAAGTCTATCTGCTTCAATCGAAGATGTGGAACACATTTG 720  
DB ATGAATGTGCTCTGGTAAAGTCTATCTGCTTCAATCGAAGATGTGGAACACATTTG 720  
QY 721 GAAGCTACTGCAATGTCAATGGTTTCAATGGTTTCAATGGTTTCAATGGTTTCAATGG 780  
DB GAAGCTACTGCAATGTCAATGGTTTCAATGGTTTCAATGGTTTCAATGGTTTCAATGG 780  
QY 781 ACTCTATGATTAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840  
DB ACTCTATGATTAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840  
QY 841 GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900  
DB GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC 900  
QY 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGGAAGGAGTCTCAGAGCACCTGGTACCA 960  
DB TTCGGTGTCTGCTATCCCTGAAATTTCTGGAAGGAGTCTCAGAGCACCTGGTACCA 960  
QY 961 TCAAGACAGAAATCAAGAAGTTGCTTCTCACAACCAACAGCATGAAAGAGAGGCAAAA 1020  
DB TCAAGACAGAAATCAAGAAGTTGCTTCTCACAACCAACAGCATGAAAGAGAGGCAAAA 1020  
QY 1021 TTAAGATTTTACCCGAGACCCGAGGACTCTACCCCTAGGTTGAACTTTCAGCCCT 1080  
DB TTAAGATTTTACCCGAGACCCGAGGACTCTACCCCTAGGTTGAACTTTCAGCCCT 1080  
QY 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAACTCTCATGAGAGGTAAAGAGGGAATG 1140  
DB TCAACTATGAAGATAGTTTCCAGAGCGGGAACTCTCATGAGAGGTAAAGAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
DB AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
QY 1201 CATAG 1260  
DB CATAG 1260  
QY 1261 ATTGGCCTGATTTCTGTTCCAAAGGAAAGCGCTAACTTCCAAAGCTGGAACATAAGATTT 1320

Db 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATTAAGATT 1320  
Qy 1321 AATATCTCGGTTGACTGCGAGCTTCAATCATGGATCTGTGACTGGAACACAGGATAGAGA 1380  
Db 1321 AATATCTCGGTTGACTGCGAGCTTCAATCATGGATCTGTGACTGGAACACAGGATAGAGA 1380  
Qy 1381 AGATGATTTTGAAGTCTGCTGCTGATCGAGATAATGCTATTTGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTTGAAGTCTGCTGCTGATCGAGATAATGCTATTTGCTTCTATATGGCAGT 1440  
Qy 1441 TCGGCTCTGGCAGGTCAAGAAGACATTTGCCGATTTGAACCTTCTTACCTGACCT 1500  
Db 1441 TCGGCTCTGGCAGGTCAAGAAGACATTTGCCGATTTGAACCTTCTTACCTGACCT 1500  
Qy 1501 GCACCCCAAGCAACTTCTGTTGCTTGTATTAACCGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCACCCCAAGCAACTTCTGTTGCTTGTATTAACCGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACAATGCCCTGGCATGGGAGAACACACGAG 1620  
Db 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACAATGCCCTGGCATGGGAGAACACACGAG 1620  
Qy 1621 TGAGGATGAAAGTGGAGACAGGAAATTCAGTTGTATCAAGAACTGATGCTTACCAA 1680  
Db 1621 TGAGGATGAAAGTGGAGACAGGAAATTCAGTTGTATCAAGAACTGATGCTTACCAA 1680  
Qy 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGAACGTCGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTGCTGTTTCCAGCTTATGTCAGATAGCTTTTATCTGTGATGACTGATGATGTT 1800  
Db 1741 CGTCTGCTGTTTCCAGCTTATGTCAGATAGCTTTTATCTGTGATGACTGATGATGTT 1800  
Qy 1801 ACTATCTTTATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
Db 1801 ACTATCTTTATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
Qy 1861 GACCTCTGGCATTTAGAAATTAAGTGTGAAATTTGTAATGTACCAAGAAATATTAT 1920  
Db 1861 GACCTCTGGCATTTAGAAATTTAGTGTGAAATTTGTAATGTACCAAGAAATATTAT 1920  
Qy 1921 TGTAAGATGCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATCATCTGT 1980  
Db 1921 TGTAAGATGCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATCATCTGT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATTTATATAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATTTATATAAATNTGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGATGATGATGATGATGATGATGATGATGATGAT 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGATGATGATGATGATGATGATGATGATGATGAT 2100  
Qy 2101 CATTTCTAGAAAATAGAAAAAGCAAGCAAGAAATGTTTAACTGTTTCACTTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAAGCAAGCAAGAAATGTTTAACTGTTTCACTTTATGAT 2160  
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTGTGGGCTTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTGTGGGCTTT 2220  
Qy 2221 TCATAGCAAACTTGTATTTATTTATTTCTTTTGTATATATA 2260  
Db 2221 TCATAGCAAACTTGTATTTATTTATTTCTTTTGTATATATA 2260

RESULT 12

ADA12318

ID ADA12318 standard; cDNA; 2260 BP.

XX

AC ADA12318;

XX DT  
XX DE  
XX XX  
XX KW  
XX KW  
XX KW  
XX OS  
XX PN  
XX PD  
XX PF  
XX PR  
PR 21-MAY-1996; 96US-0018049P.  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-0080422P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078938P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.

06-NOV-2003 (first entry)

Human cDNA encoding secreted/transmembrane polypeptide PRO320.

ss; gene; inflammatory disease; organ failure; atherosclerosis;  
cardiac injury; infertility; birth defect; premature aging; AIDS; cancer;  
diabetic complication; tissue typing; human.

Homo sapiens.

US2003055216-A1.

20-MAR-2003.

17-OCT-2001; 2001US-00978824.



PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 29-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084444P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086329P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-00875413.  
PR 26-JUN-1998; 98US-0090863P.  
PR 01-JUL-1998; 98US-0091010P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98US-0021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98US-02024855.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 98US-00000106.  
PR 05-JAN-1999; 98US-00254465.  
PR 08-MAR-1999; 98US-0005028.  
PR 10-MAR-1999; 98US-00265686.  
PR 10-MAR-1999; 98US-0005190.  
PR 12-MAR-1999; 98US-00267213.  
PR 12-MAR-1999; 98US-0123957P.  
PR 12-MAR-1999; 98US-0126773P.  
PR 12-APR-1999; 98US-00284291.  
PR 21-APR-1999; 98US-0130232P.  
PR 26-APR-1999; 98US-0131022P.  
PR 28-APR-1999; 98US-0131445P.  
PR 14-MAY-1999; 98US-00311832.  
PR 14-MAY-1999; 98US-0134287P.  
PR 14-MAY-1999; 98US-010733.  
PR 02-JUN-1999; 98US-012252.  
PR 16-JUN-1999; 98US-0139557P.  
PR 23-JUN-1999; 98US-0141037P.  
PR 07-JUL-1999; 98US-0142680P.  
PR 26-JUL-1999; 98US-0145698P.  
PR 25-AUG-1999; 98US-00360137.

PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99US-0028313.  
PR 02-DEC-1999; 99US-0028551.  
PR 02-DEC-1999; 99US-0028551.  
PR 16-DEC-1999; 99US-00300095.  
PR 30-DEC-1999; 99US-0031243.  
PR 30-DEC-1999; 99US-0031274.  
PR 05-JAN-2000; 2000US-0000219.  
PR 06-JAN-2000; 2000US-0000277.  
PR 06-JAN-2000; 2000US-0000376.  
PR 11-FEB-2000; 2000US-00003565.  
PR 18-FEB-2000; 2000US-00004341.  
PR 24-FEB-2000; 2000US-00005004.  
PR 02-MAR-2000; 2000US-00005841.  
PR 10-MAR-2000; 2000US-00006319.  
PR 21-MAR-2000; 2000US-0007532.  
PR 30-MAR-2000; 2000US-0008439.  
PR 17-MAY-2000; 2000US-0013705.  
PR 22-MAY-2000; 2000US-0014042.  
PR 30-MAY-2000; 2000US-0014941.  
PR 02-JUN-2000; 2000US-0015264.  
PR 28-JUL-2000; 2000US-0020710.  
PR 24-AUG-2000; 2000US-0023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000US-0032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000US-0034956.  
PR 28-FEB-2001; 2001US-0006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001US-00809552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 21-MAY-2001; 2001US-00817092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001US-00817800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-00819692.  
PR 29-JUN-2001; 2001US-00821066.  
PR 09-JUL-2001; 2001US-00821735.  
PR 30-JUL-2001; 2001US-00918585.

(GETH ) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

Query Match 99.7%; Score 2253; DB 8; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGGCTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGGAGCGGG 60  
DB 1 CGGACGGCTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGGAGCGGG 60  
QY 61 GCTTAGCTGCTACGGGCTCGGGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGCTCGGGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGA 120  
QY 121 GGACCCGTGCGAATGCTCTGCTGAGGCTTGGCTCCGCTGCTGCTCTCTCTGG 180  
DB 121 GGACCCGTGCGAATGCTCTGCTGAGGCTTGGCTCCGCTGCTGCTCTCTCTGG 180  
QY 181 TGGCAGGTGGTTTCGGGACCGGCGCAGTCAAGGATCACGGTTGTTAGCATCGGC 240  
DB 181 TGGCAGGTGGTTTCGGGACCGGCGCAGTCAAGGATCACGGTTGTTAGCATCGGC 240  
QY 241 GTCAGCCTGGGGTCTGTCTACTATGGAATAAAGTGGCTGCTGTACGCGCTGGAAGAA 300

Db 241 GTACGCTGGGCTCTGTCACTATGGAATAAATGGCTCTGCTACGGCTGGAGAAGAA 300  
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAACTTTGGTGGAGTGG 360  
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAACTTTGGTGGAGTGG 360  
QY 361 GACCAAAACAATGAGATGCTTTTCAGAGATACACCGGGAAACCTGCAAGTCAAGATGTA 420  
Db 361 GACCAAAACAATGAGATGCTTTTCAGAGATACACCGGGAAACCTGCAAGTCAAGATGTA 420  
QY 421 ATGAGTGTGGAATGAACCCCGGGCCATCCCAACACAGATGTGAATACACACGGAAGCT 480  
Db 421 ATGAGTGTGGAATGAACCCCGGGCCATCCCAACACAGATGTGAATACACACGGAAGCT 480  
QY 481 ACAAGTGTGCTTCAGTGCAGTGCACATGCTCAATGCGCAGATGCTACGTGTGTAATCTTA 540  
Db 481 ACAAGTGTGCTTCAGTGCAGTGCACATGCTCAATGCGCAGATGCTACGTGTGTAATCTTA 540  
QY 541 GGACATGTGCCATGATAAATCTGTCAAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600  
Db 541 GGACATGTGCCATGATAAATCTGTCAAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600  
QY 601 GCTGTGTCCATCTCAGGATCCCGCTGGCCCAAAATGGAAGACAGTGTAGATATTG 660  
Db 601 GCTGTGTCCATCTCAGGATCCCGCTGGCCCAAAATGGAAGACAGTGTAGATATTG 660  
QY 661 ATGAAATGCTCTGGTAAAGTCAATCTGTCCCTCAATCGAAGATGTGTGAACACATTTG 720  
Db 661 ATGAAATGCTCTGGTAAAGTCAATCTGTCCCTCAATCGAAGATGTGTGAACACATTTG 720  
QY 721 GAAGCTACTACTGCAAAATGTCAATGTTTTCGAATCTGCAATATATCAGTGGACGATATG 780  
Db 721 GAAGCTACTACTGCAAAATGTCAATGTTTTCGAATCTGCAATATATCAGTGGACGATATG 780  
QY 781 ACTGTATAGATATAAATGATGTACTGTGATGAGTACCTGAGCCACCATGCCAATT 840  
Db 781 ACTGTATAGATATAAATGATGTACTGTGATGAGTACCTGAGCCACCATGCCAATT 840  
QY 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGCCAAATGGAC 900  
Db 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGCCAAATGGAC 900  
QY 901 TTGGGTGTCTGTATCCCTGAAATCTGTGAAGAGTCTCTCAGACACCTGGTACCA 960  
Db 901 TTGGGTGTCTGTATCCCTGAAATCTGTGAAGAGTCTCTCAGACACCTGGTACCA 960  
QY 961 TCAAGACAGAAATCAAGAAGTTGCTTGTCTCACAAAAACAGCATGAAAAAGGCAAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAAGTTGCTTGTCTCACAAAAACAGCATGAAAAAGGCAAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGAGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATTTGAGCCCT 1080  
QY 1081 TCAACTATGAGAGATAGTTTCCAGAGGGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATGAGAGATAGTTTCCAGAGGGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGCCCTGAGAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGCCCTGAGAGATGA 1200  
QY 1201 CATAGAGAGGAGGAGCTGCGAGGAGATGTGTTTTTCCCTTAAGGTCAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGGAGGAGCTGCGAGGAGATGTGTTTTTCCCTTAAGGTCAATGAAGCAGGTGA 1260  
QY 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAGCGCTTAACCTCCAACTGGAACATAAAGATTT 1320  
Db 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAGCGCTTAACCTCCAACTGGAACATAAAGATTT 1320  
QY 1321 AATATCTCGGTGACGTGACGTTCAATCATGGATCTGTGACTCGAACAACAGATAGAGA 1380

Db 1321 AATATCTCGGTGACGTGACGTTCAATCATGGATCTGTGACTGGAAACAGGATAGAGA 1380  
QY 1381 AGATGATTTTGACTGGAAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440  
Db 1381 AGATGATTTTGACTGGAAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440  
QY 1441 TCCGGCTTCGCGAGTCCAAAGAAAGACATTGGCCGATGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCTTCGCGAGTCCAAAGAAAGACATTGGCCGATGAAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCCGGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCGAGTGTTCGAAAAACAGTAACTCAATCCCTGGCATGGGAGAAACACGAG 1620  
Db 1561 GAAACTTCGAGTGTTCGAAAAACAGTAACTCAATCCCTGGCATGGGAGAAACACGAG 1620  
QY 1621 TGAGATGAAAGTGGAGACAGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680  
Db 1621 TGAGATGAAAGTGGAGACAGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680  
QY 1681 AAGCATCAATTTTGAAGCAGAACTGGCAGGCAAAACCGGCAAAATCGCAGTGATGG 1740  
Db 1681 AAGCATCAATTTTGAAGCAGAACTGGCAGGCAAAACCGGCAAAATCGCAGTGATGG 1740  
QY 1741 CGTCTGTCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTT 1800  
Db 1741 CGTCTGTCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTT 1800  
QY 1801 ACTATCTTATATTTTGAAGTGTGATGTCAGTCCCTGGTGTGATATGATGTCATCATAG 1860  
Db 1801 ACTATCTTATATTTTGAAGTGTGATGTCAGTCCCTGGTGTGATATGATGTCATCATAG 1860  
QY 1861 GACCTCTGGCAATTTAGAAATTTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGCAATTTAGAAATTTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGTGCCTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGTGCCTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTTATGAT 2160  
QY 2161 ACTTCTGGAACATGATGATCAAGATAGACTTTGCTTAAGTGGCTAGCTGGGCTTT 2220  
Db 2161 ACTTCTGGAACATGATGATCAAGATAGACTTTGCTTAAGTGGCTAGCTGGGCTTT 2220  
QY 2221 TCATAGCCAACTGTATATTTAAATTTCTTGTAAATAATAA 2260  
Db 2221 TCATAGCCAACTGTATATTTAAATTTCTTGTAAATAATAA 2260

## RESULT 13

ACD29120  
ID ACD29120 standard; cDNA; 2260 BP.  
XX

AC ACD29120;

XX 27-AUG-2003 (first entry)

XX Novel human secreted and transmembrane polypeptide cDNA #27.

KW Human; secreted and transmembrane protein; PRO; viral infection;  
KW tumour growth; retinal disorder; injury; sight loss;  
KW keratitis pigmentosa; age-related macular degeneration;  
KW sport-related joint problem; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; wound healing; obesity; diabetes; insulinemia;  
KW kidney disease; mesangial cell function; Berger disease; nephropathy;  
KW celiac disease; dermatitis; Crohn disease; neuropathy;  
KW cardiac insufficiency disorder; peripheral neuropathy;  
KW diabetic peripheral neuropathy; autonomic neuropathy;  
KW reduced motility of the gastrointestinal tract;  
KW atony of the urinary bladder; post polio syndrome; Krabbe's disease;  
KW Charcot-Marie-Tooth disease; Fabry's disease; Tangier disease;  
KW Refsum's disease; Gene; ss.  
XX OS  
XX Homo sapiens.  
XX OS  
XX US2003049633-A1.  
XX PN  
XX 13-MAR-2003.  
XX PD  
XX PF  
XX 16-OCT-2001; 2001US-00978585.  
XX 17-OCT-1997; 97US-0062250P.  
XX 03-NOV-1997; 97US-0064249P.  
XX 13-NOV-1997; 97US-0065311P.  
XX 21-NOV-1997; 97US-0065364P.  
XX 10-MAR-1998; 98US-0077450P.  
XX 11-MAR-1998; 98US-0077632P.  
XX 11-MAR-1998; 98US-0077641P.  
XX 11-MAR-1998; 98US-0077649P.  
XX 12-MAR-1998; 98US-0077791P.  
XX 13-MAR-1998; 98US-0078004P.  
XX 17-MAR-1998; 98US-0040220.  
XX 20-MAR-1998; 98US-0078888P.  
XX 20-MAR-1998; 98US-0078910P.  
XX 20-MAR-1998; 98US-0078936P.  
XX 20-MAR-1998; 98US-0078939P.  
XX 25-MAR-1998; 98US-0079294P.  
XX 26-MAR-1998; 98US-0079656P.  
XX 27-MAR-1998; 98US-0079663P.  
XX 27-MAR-1998; 98US-0079664P.  
XX 27-MAR-1998; 98US-0079689P.  
XX 27-MAR-1998; 98US-0079728P.  
XX 27-MAR-1998; 98US-0079786P.  
XX 30-MAR-1998; 98US-0079920P.  
XX 31-MAR-1998; 98US-0080105P.  
XX 31-MAR-1998; 98US-0080107P.  
XX 31-MAR-1998; 98US-0080165P.  
XX 31-MAR-1998; 98US-0080194P.  
XX 01-APR-1998; 98US-0080327P.  
XX 01-APR-1998; 98US-0080328P.  
XX 01-APR-1998; 98US-0080333P.  
XX 01-APR-1998; 98US-0080334P.  
XX 08-APR-1998; 98US-0081049P.  
XX 08-APR-1998; 98US-0081070P.  
XX 08-APR-1998; 98US-0081071P.  
XX 09-APR-1998; 98US-0081195P.  
XX 09-APR-1998; 98US-0081203P.  
XX 09-APR-1998; 98US-0081229P.  
XX 15-APR-1998; 98US-0081817P.  
XX 15-APR-1998; 98US-0081819P.  
XX 15-APR-1998; 98US-0081838P.  
XX 15-APR-1998; 98US-0081952P.  
XX 15-APR-1998; 98US-0081955P.  
XX 21-APR-1998; 98US-0082568P.  
XX 21-APR-1998; 98US-0082569P.  
XX 22-APR-1998; 98US-0082700P.  
XX 22-APR-1998; 98US-0082704P.  
XX 22-APR-1998; 98US-0082797P.  
XX 22-APR-1998; 98US-0082804P.  
XX 23-APR-1998; 98US-0082796P.  
XX 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084588P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085589P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-00105413.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100036P.  
PR 07-OCT-1998; 98US-00168978.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98US-0024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 98US-0000106.  
PR 05-MAR-1999; 98US-0025445.  
PR 08-MAR-1999; 98US-00050508.  
PR 10-MAR-1999; 98US-00265686.  
PR 12-MAR-1999; 98US-00267213.  
PR 12-MAR-1999; 98US-0123957P.  
PR 12-MAR-1999; 98US-0126773P.  
PR 12-APR-1999; 98US-00284291.  
PR 21-APR-1999; 98US-0130232P.  
PR 26-APR-1999; 98US-0131022P.  
PR 28-APR-1999; 98US-0131445P.  
PR 14-MAY-1999; 98US-00311832.  
PR 14-MAY-1999; 98US-0134287P.  
PR 14-MAY-1999; 98US-0134287P.  
PR 02-JUN-1999; 98US-012252.  
PR 16-JUN-1999; 98US-0139557P.

QY	DB	301	ACGCAAGGGAGTCTGTGAAGCTACATCGAACCTCGGATGAAGTTGGTGGAGTGG 360
QY	QY	361	GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGGA 420
DB	DB	361	GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGGA 420
QY	QY	421	ATGAGTGTGAATGAACCCCGCCATGCCACACAGATGTGTAATACACACCGAGCT 480
DB	DB	421	ATGAGTGTGAATGAACCCCGCCATGCCACACAGATGTGTAATACACACCGAGCT 480
QY	QY	481	ACAAAGTCTTTTCCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAATCTTA 540
DB	DB	481	ACAAAGTCTTTTCCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAATCTTA 540
QY	QY	541	GGACATGTGCATGATAAACTGTGAGTACAGCTGTGAAGACACAGAGAGAGGGCCACAGT 600
DB	DB	541	GGACATGTGCATGATAAACTGTGAGTACAGCTGTGAAGACACAGAGAGAGGGCCACAGT 600
QY	QY	601	GCCTGTGCTCATCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660
DB	DB	601	GCCTGTGCTCATCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660
QY	QY	661	ATGAATGTGCTCTGCTAAAGTCACTGTCTCCCTCAATCGAAGATGTGTGAACACATTG 720
DB	DB	661	ATGAATGTGCTCTGCTAAAGTCACTGTCTCCCTCAATCGAAGATGTGTGAACACATTG 720
QY	QY	721	GAGCTACTACTGCAAAATGTCAATTTGAACTGCAATATATCAGTGGAGAGATG 780
DB	DB	721	GAGCTACTACTGCAAAATGTCAATTTGAACTGCAATATATCAGTGGAGAGATG 780
QY	QY	781	ACTGTATAGATATAAATGAATGTACTATGGATAGCATTACCTGAGGACCAATTCGCAATT 840
DB	DB	781	ACTGTATAGATATAAATGAATGTACTATGGATAGCATTACCTGAGGACCAATTCGCAATT 840
QY	QY	841	GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCGGATATAAAGGCAATGGAC 900
DB	DB	841	GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCGGATATAAAGGCAATGGAC 900
QY	QY	901	TTCCGTGTCTGCTATCCCTGAAATTTCTGTAAGGAAATCTCTCAGAGACCTCTGTTACCA 960
DB	DB	901	TTCCGTGTCTGCTATCCCTGAAATTTCTGTAAGGAAATCTCTCAGAGACCTCTGTTACCA 960
QY	QY	961	TCAAAGAAGAAATCAAGAGTTGCTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
DB	DB	961	TCAAAGAAGAAATCAAGAGTTGCTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020
QY	QY	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTCTTACCCCTTAAGTGAATCTTGAGCCCT 1080
DB	DB	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTCTTACCCCTTAAGTGAATCTTGAGCCCT 1080
QY	QY	1081	TCAACTATGAAGATAGTTTCCAGAGCGGAGTCTCTGAGGATATAAAGGGAATG 1140
DB	DB	1081	TCAACTATGAAGATAGTTTCCAGAGCGGAGTCTCTGAGGATATAAAGGGAATG 1140
QY	QY	1141	AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAAGAGAGAAAGCCCTGAAGAATGA 1200
DB	DB	1141	AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAAGAGAGAAAGCCCTGAAGAATGA 1200
QY	QY	1201	CATAGAGAGGAGGCTGCGAGGATGTGTTTTCCCTTAAGTGAATGAAGCAGTGA 1260
DB	DB	1201	CATAGAGAGGAGGCTGCGAGGATGTGTTTTCCCTTAAGTGAATGAAGCAGTGA 1260
QY	QY	1261	ATTCCGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTTCCAACTGGAACATAAAGATT 1320
DB	DB	1261	ATTCCGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTTCCAACTGGAACATAAAGATT 1320
QY	QY	1321	AAATATCTCGGTTGACTGAGCTTCAATCTGGATCTGTGACTGGAACAGGATAGGA 1380
DB	DB	1321	AAATATCTCGGTTGACTGAGCTTCAATCTGGATCTGTGACTGGAACAGGATAGGA 1380
QY	QY	1381	AGATGATTTTACTGGAATCTCTGCTGATCGAGATTAATCTATGCTTCTATATGGCAGT 1440
DB	DB	1381	AGATGATTTTACTGGAATCTCTGCTGATCGAGATTAATCTATGCTTCTATATGGCAGT 1440



PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084840P.  
PR 07-MAY-1998; 98US-0084843P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085800P.  
PR 15-MAY-1998; 98US-0085862P.  
PR 15-MAY-1998; 98US-0085869P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 28-JUN-1998; 98US-00105413.  
PR 28-JUN-1998; 98US-0090863P.  
PR 28-JUN-1998; 98US-0091010P.  
PR 30-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-01168978.  
PR 07-OCT-1998; 98WO-US021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98WO-US024855.  
PR 20-NOV-1998; 98US-0109304P.  
PR 22-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 23-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 12-APR-1999; 99US-00284291.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 26-JUL-1999; 99US-0146222P.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.

PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 03-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.

(GETH ) GENENTECH INC.

Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGGAGGAGAGGAGCGCGG 60  
Db 1 CGGACCGGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGGAGGAGAGGAGCGCGG 60  
Qy 61 GCTTAGCTGCTACGGGTCCGGCGCGCGCCCTCCCGAGCGGGGCTCAGGAGGAGGAGGA 120  
Db 61 GCTTAGCTGCTACGGGTCCGGCGCGCGCCCTCCCGAGCGGGGCTCAGGAGGAGGAGGA 120  
Qy 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCGCTTGCCTCCCGTGTGCTCTCTCTGGG 180  
Db 121 GGACCCGTGCGAGAAATGCTCTGCGCTGGAGCGCTTGCCTCCCGTGTGCTCTCTCTGGG 180  
Qy 181 TGGCAGGTGTTTCGGGAACCGCGGACGTGCAAGGCATCAGGGTTGTAGCATCGGCAC 240  
Db 181 TGGCAGGTGTTTCGGGAACCGCGGACGTGCAAGGCATCAGGGTTGTAGCATCGGCAC 240  
Qy 241 GTCAGCCTGGGGTCTGTCACTATGGAACCTAAACTGGCTGTGCTACGGCTGGGAGAGAA 300  
Db 241 GTCAGCCTGGGGTCTGTCACTATGGAACCTAAACTGGCTGTGCTACGGCTGGGAGAGAA 300  
Qy 301 ACAGGAGGAGTCTGTGAAGCTACATCGAACCTGGATGTAAGTTGGTGAAGTGGG 360  
Db 301 ACAGGAGGAGTCTGTGAAGCTACATCGAACCTGGATGTAAGTTGGTGAAGTGGG 360  
Qy 361 GACCAACAAATGCGAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGGA 420  
Db 361 GACCAACAAATGCGAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGGA 420



```
QY 421 ATGAGTGTGGAATGAAACCCCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
Db 421 ATGAGTGTGGAATGAAACCCCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480
QY 481 ACAAGTGTCTTTGGCTCAGTGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTA 540
Db 481 ACAAGTGTCTTTGGCTCAGTGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTA 540
QY 541 GGACATGTGCCATGATAAATGTCTAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600
Db 541 GGACATGTGCCATGATAAATGTCTAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600
QY 601 GCCTGTGTCATCTCCAGCTCCGCTGCGCCGCGCCAAATGGAAGAGTGTCTAGATATTG 660
Db 601 GCCTGTGTCATCTCCAGCTCCGCTGCGCCGCGCCAAATGGAAGAGTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTCGTAAAGTCATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTTG 720
Db 661 ATGAATGTGCTCTCGTAAAGTCATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTTG 720
QY 721 GAAGCTACTACTGCAATGTCACTTGTGTTTGGAACTGCAATATATCATCTGAGATATG 780
Db 721 GAAGCTACTACTGCAATGTCACTTGTGTTTGGAACTGCAATATATCATCTGAGATATG 780
QY 781 ACTGTATAGATATAAATGAATGTCTATGGAATAGCCATACGTCAGCGACCATGCCAATT 840
Db 781 ACTGTATAGATATAAATGAATGTCTATGGAATAGCCATACGTCAGCGACCATGCCAATT 840
QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
QY 901 TTCCGTTGTTCTGCTATCCCTGAAATCTGTGCAAGGAAGTCTCAGAGCACTCGTACCA 960
Db 901 TTCCGTTGTTCTGCTATCCCTGAAATCTGTGCAAGGAAGTCTCAGAGCACTCGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAATGCTTGTGTCACAAAACAGATGAAAAGAGGCAAAAA 1020
Db 961 TCAAGACAGAAATCAAGAAATGCTTGTGTCACAAAACAGATGAAAAGAGGCAAAAA 1020
QY 1021 TTAATAATGTATCCCGAGAACCCACAGACTCTACCCCTAAGGTGAATCTGAGGCGCT 1080
Db 1021 TTAATAATGTATCCCGAGAACCCACAGACTCTACCCCTAAGGTGAATCTGAGGCGCT 1080
QY 1081 TCAACTATGAAGAGATAGTTCCTCAGAGCGGGAATCTCTATGGAAGTAAAGAGGAATG 1140
Db 1081 TCAACTATGAAGAGATAGTTCCTCAGAGCGGGAATCTCTATGGAAGTAAAGAGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGCTTGGAGTGAAGAAAGCAAGAAAGCAAGCAAGTGA 1200
Db 1141 AAGAGAAATGAAGAGGGCTTGGAGTGAAGAAAGCAAGAAAGCAAGCAAGTGA 1200
QY 1201 CATAGAGGAGCGAAGCTTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
Db 1201 CATAGAGGAGCGAAGCTTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTGCGGCTGATTTCTGGTCCAAAGGAAGCGCTAATCTTCCAACTGGAACATAAGATTT 1320
Db 1261 ATTGCGGCTGATTTCTGGTCCAAAGGAAGCGCTAATCTTCCAACTGGAACATAAGATTT 1320
QY 1321 AAATATCTCGGTGACTCGAGCTTCAATCATGGGATCTGTGACTGGAACACAGGATAGAGA 1380
Db 1321 AAATATCTCGGTGACTCGAGCTTCAATCATGGGATCTGTGACTGGAACACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAATGAAATCTCTGATGAGATTAATGCTATGCTTCTATATGCGAGT 1440
Db 1381 AGATGATTTTGAATGAAATCTCTGATGAGATTAATGCTATGCTTCTATATGCGAGT 1440
QY 1441 TCCGGCTTGGCAGGTCACAAGAGACATTCGCGGATTTGAACCTTCTCTACCTGACCT 1500
Db 1441 TCCGGCTTGGCAGGTCACAAGAGACATTCGCGGATTTGAACCTTCTCTACCTGACCT 1500
```

```
QY 1501 GCAACCCCAAGCAACTTCTGTGTCTTTGATTAACCGCTGCGCGGAGACAAAGTCGG 1560
Db 1501 GCAACCCCAAGCAACTTCTGTGTCTTTGATTAACCGCTGCGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTGAAACACATTAACATGCGCTGGCATGGAGAGACACAGAG 1620
Db 1561 GAAACTTCGAGTGTGTGAAACACATTAACATGCGCTGGCATGGAGAGACACAGAG 1620
QY 1621 TGAGATGAAAGTGGAGACAGGAAAAATTCAGTTGTATCAAGGAACTGATCTACCAA 1680
Db 1621 TGAGATGAAAGTGGAGACAGGAAAAATTCAGTTGTATCAAGGAACTGATCTACCAA 1680
QY 1681 AAGCATCAATTTTCAAGCAGAACGTCGAAGGCAAAACCGCGGAAATCGCAGTGATGG 1740
Db 1681 AAGCATCAATTTTCAAGCAGAACGTCGAAGGCAAAACCGCGGAAATCGCAGTGATGG 1740
QY 1741 CGTCTGTCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800
Db 1741 CGTCTGTCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800
QY 1801 ACTATCTTATATTTGACTTTTGTATGTCAGTTCCTTGGTTTTTGTATATGTCATCATAG 1860
Db 1801 ACTATCTTATATTTGACTTTTGTATGTCAGTTCCTTGGTTTTTGTATATGTCATCATAG 1860
QY 1861 GACCTCTGCGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGCGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTAATATCATATCACTGT 1980
Db 1921 TGTAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTCTTGAATCTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTCTTGAATCTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCTCCTGATATATCTGATTTGTATGATGTTGATGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCTCCTGATATATCTGATTTGTATGATGTTGATGCTTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAAAATAGAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAAAATAGAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160
QY 2161 ACTTCTTGAAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
Db 2161 ACTTCTTGAAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220
QY 2221 TCATAGCCCAACTTGTATATTTAATTTCTTTGTAATAATAA 2260
Db 2221 TCATAGCCCAACTTGTATATTTAATTTCTTTGTAATAATAA 2260
```

## RESULT 15

ADB76340

ID ADB76340 standard; cDNA; 2260 BP.

XX

AC ADB76340;

XX

DT 04-DEC-2003 (first entry)

XX

XX Human PRO polynucleotide sequence #27.

XX

Human; PRO polypeptide; secreted protein; transmembrane protein;  
cell death; neuropathy; neuropathy related disease;  
Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;  
chromosome mapping; gene mapping; genetic disorder; septic shock;  
antibacterial; immunosuppressive; neuroprotective; gene; ss.

OS Homo sapiens.

XX

XX US2003083248-A1.

XX

PD 01-MAY-2003.  
XX 16-OCT-2001; 2001US-00978757.  
PF 17-OCT-1997; 97US-0062250P.  
XX 13-NOV-1997; 97US-0064249P.  
PF 13-NOV-1997; 97US-0065311P.  
XX 21-NOV-1997; 97US-0065364P.  
PF 10-MAR-1998; 98US-0077450P.  
PF 11-MAR-1998; 98US-0077632P.  
PF 11-MAR-1998; 98US-0077641P.  
PF 11-MAR-1998; 98US-0077649P.  
PF 12-MAR-1998; 98US-0077791P.  
PF 13-MAR-1998; 98US-0078004P.  
PF 20-MAR-1998; 98US-0078866P.  
PF 20-MAR-1998; 98US-0078910P.  
PF 20-MAR-1998; 98US-0078936P.  
PF 20-MAR-1998; 98US-0078939P.  
PF 25-MAR-1998; 98US-0079294P.  
PF 25-MAR-1998; 98US-0079656P.  
PF 27-MAR-1998; 98US-0079653P.  
PF 27-MAR-1998; 98US-0079664P.  
PF 27-MAR-1998; 98US-0079666P.  
PF 27-MAR-1998; 98US-0079689P.  
PF 27-MAR-1998; 98US-0079728P.  
PF 30-MAR-1998; 98US-0079920P.  
PF 30-MAR-1998; 98US-0079923P.  
PF 31-MAR-1998; 98US-0080105P.  
PF 31-MAR-1998; 98US-0080165P.  
PF 31-MAR-1998; 98US-0080194P.  
PF 01-APR-1998; 98US-0080327P.  
PF 01-APR-1998; 98US-0080328P.  
PF 01-APR-1998; 98US-0080333P.  
PF 01-APR-1998; 98US-0080334P.  
PF 08-APR-1998; 98US-0081049P.  
PF 08-APR-1998; 98US-0081070P.  
PF 08-APR-1998; 98US-0081071P.  
PF 09-APR-1998; 98US-0081195P.  
PF 09-APR-1998; 98US-0081203P.  
PF 09-APR-1998; 98US-0081229P.  
PF 15-APR-1998; 98US-0081817P.  
PF 15-APR-1998; 98US-0081819P.  
PF 15-APR-1998; 98US-0081838P.  
PF 15-APR-1998; 98US-0081952P.  
PF 15-APR-1998; 98US-0081955P.  
PF 21-APR-1998; 98US-0082568P.  
PF 21-APR-1998; 98US-0082569P.  
PF 22-APR-1998; 98US-0082704P.  
PF 22-APR-1998; 98US-0082797P.  
PF 22-APR-1998; 98US-0082804P.  
PF 22-APR-1998; 98US-0082796P.  
PF 27-APR-1998; 98US-0083336P.  
PF 28-APR-1998; 98US-0083322P.  
PF 29-APR-1998; 98US-0083322P.  
PF 29-APR-1998; 98US-0083495P.  
PF 29-APR-1998; 98US-0083496P.  
PF 29-APR-1998; 98US-0083499P.  
PF 29-APR-1998; 98US-0083500P.  
PF 29-APR-1998; 98US-0083545P.  
PF 29-APR-1998; 98US-0083554P.  
PF 29-APR-1998; 98US-0083558P.  
PF 30-APR-1998; 98US-0083559P.  
PF 30-APR-1998; 98US-0083742P.  
PF 05-MAY-1998; 98US-0084366P.  
PF 06-MAY-1998; 98US-0084414P.  
PF 06-MAY-1998; 98US-0084414P.  
PF 07-MAY-1998; 98US-0084598P.  
PF 07-MAY-1998; 98US-0084600P.  
PF 07-MAY-1998; 98US-0084627P.  
PF 07-MAY-1998; 98US-0084637P.  
PF 07-MAY-1998; 98US-0084639P.  
PF 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 18-MAY-1998; 98US-0085704P.  
PR 22-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98WO-US021141.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98WO-US024855.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 98WO-US000106.  
PR 08-MAR-1999; 98WO-US005028.  
PR 10-MAR-1999; 98WO-US005190.  
PR 12-MAR-1999; 98US-0123957P.  
PR 23-MAR-1999; 99US-0126773P.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0145222P.  
PR 23-OCT-1999; 99US-0162508P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.

PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX  
PA (GETH ) GENENTECH INC.  
XX  
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WJ;  
XX  
XX WPI: 2003-755118/71.  
DR P-PSDB; ADB76341.  
XX  
PT New PRO polypeptides useful for treating peripheral neuropathy,  
PT neuropathies associated with systemic disease such as post-polio syndrome  
PT or AIDS-associated syndrome.  
XX  
PS Claim 2; Fig 44; 425pp; English.  
XX  
CC The present invention relates to the isolation of novel human PRO  
CC polypeptides, and the polynucleotide sequences encoding them. The PRO  
CC polypeptides are secreted and transmembrane proteins. The PRO  
CC polypeptides are useful for detecting other PRO polypeptides, for linking  
CC bioactive molecules to cells expressing PRO polypeptides, for modulating  
CC biological activities of cells expressing PRO polypeptides, and for  
CC identifying agonists or antagonists. The bioactive molecule may be a  
CC toxin, radiolabel or antibody, and cause cell death. The PRO polypeptides  
CC are useful for treating neuropathy and neuropathy related diseases such  
CC as Charcot-Marie-Tooth disorder, Refsum's disease, and Krabbe's disease.  
CC The polynucleotide sequences encoding PRO polypeptides are useful as  
CC hybridisation probes, in chromosome and gene mapping, in the generation

Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGGTGGCTGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
DB 1 CGGACGCTGGGTGGCTGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
QY 61 GCTTAGCTGCTACGGGGTCCGGCGGCGCCCTCCGAGGCGGGGCTCAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGGTCCGGCGGCGCCCTCCGAGGCGGGGCTCAGGAGGAGGA 120  
QY 121 GGACCCGCTGGAGATGCTCTGCTGGAGCTTGGCTCCGCTCCGCTGCTCTCTCTGGG 180  
DB 121 GGACCCGCTGGAGATGCTCTGCTGGAGCTTGGCTCCGCTCCGCTGCTCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTCGGGAAACCGGCGAGTCAAGGCGATCAGGGTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTCGGGAAACCGGCGAGTCAAGGCGATCAGGGTGTAGCATCGGCAC 240  
QY 241 GTCAGCTGGGGTCTGTCACATGGAATGAACTGAGCTGCTGCTGCTGCTGAGGAGGA 300  
DB 241 GTCAGCTGGGGTCTGTCACATGGAATGAACTGAGCTGCTGCTGCTGCTGAGGAGGA 300  
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAGTGTGGTGGGTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAGTGTGGTGGGTGG 360  
QY 361 GACCAACAAATGAGATGCTTTCAGGATACACCGGGAAACCTGCAGTCAAGATGGA 420  
DB 361 GACCAACAAATGAGATGCTTTCAGGATACACCGGGAAACCTGCAGTCAAGATGGA 420  
QY 421 ATGAGTGTGAATGAAACCGGGCGCATGCCAACACAGATGTGTGAATACACCGGAGCT 480  
DB 421 ATGAGTGTGAATGAAACCGGGCGCATGCCAACACAGATGTGTGAATACACCGGAGCT 480

QY 481 ACAAGTCTTTTGGCTCAGTGGGCCACAATGCTCATGCCAGATGCTAGCTGTGTGAATCTTA 540  
DB 481 ACAAGTCTTTTGGCTCAGTGGGCCACAATGCTCATGCCAGATGCTAGCTGTGTGAATCTTA 540  
QY 541 GGACATGTGCCATGATAAACTGTGTCAGTACAGCTGTGAGACACAGAGAAGAGGCGCACAGT 600  
DB 541 GGACATGTGCCATGATAAACTGTGTCAGTACAGCTGTGAGACACAGAGAAGAGGCGCACAGT 600  
QY 601 GCCTGTGTCCATCTCAGGACTCCGGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 660  
DB 601 GCCTGTGTCCATCTCAGGACTCCGGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTCCCTACCAATCGAGATGTGTGAACACACATTG 720  
DB 661 ATGAATGTGCTCTGTGTAAGTCACTGTCCCTACCAATCGAGATGTGTGAACACACATTG 720  
QY 721 GAAGCTACTACTGCAAAATGTCAATGTTGTTTCAAGTGAATATATATATATATATATATG 780  
DB 721 GAAGCTACTACTGCAAAATGTCAATGTTGTTTCAAGTGAATATATATATATATATATATG 780  
QY 781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATGATG 840  
DB 781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATGATG 840  
QY 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGGATATAAAGGCAATGGAC 900  
DB 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGGATATAAAGGCAATGGAC 900  
QY 901 TTCGGTCTTCTGCTATCCCTGAAATTCCTGTAAGAGTTCCTCAGAGCACCCTGGTACCA 960  
DB 901 TTCGGTCTTCTGCTATCCCTGAAATTCCTGTAAGAGTTCCTCAGAGCACCCTGGTACCA 960  
QY 961 TCAAGACAGCAATCAAGAAGTGTGTTCTCACAACCAAGCATGAAAAAGAGGCAAAAA 1020  
DB 961 TCAAGACAGCAATCAAGAAGTGTGTTCTCACAACCAAGCATGAAAAAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAGGTTGAACTTTCGACCCCT 1080  
DB 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAGGTTGAACTTTCGACCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGGAACTCTCATGAGGCTAAAAAGGGAATG 1140  
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGGAACTCTCATGAGGCTAAAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAGATGA 1200  
DB 1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAGATGA 1200  
QY 1201 CATAGAGGCGAAGCCTGCGAGGAGATGTGTTTCCCTTAAGGTGAATGAAGCAGGTGA 1260  
DB 1201 CATAGAGGCGAAGCCTGCGAGGAGATGTGTTTCCCTTAAGGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTCGGCTGATTCGTGTCAAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTT 1320  
DB 1261 ATTCGGCTGATTCGTGTCAAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTT 1320  
QY 1321 AAATATCTCGTTCAGTCAGCTTCAATCATGGAATCTGTGATGGAAGAGAGAGATAGAGA 1380  
DB 1321 AAATATCTCGTTCAGTCAGCTTCAATCATGGAATCTGTGATGGAAGAGAGAGATAGAGA 1380  
QY 1381 AGATGATTTGACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCACT 1440  
DB 1381 AGATGATTTGACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCACT 1440  
QY 1441 TCCGGCTTGGCAGGTCAAGAGAGAGGATGCGGATGGAATCTCTCTCTCTCTCTCTCTCT 1500  
DB 1441 TCCGGCTTGGCAGGTCAAGAGAGAGGATGCGGATGGAATCTCTCTCTCTCTCTCTCTCT 1500  
QY 1501 GCAACCCCAAGCAACTCTCTGTTTGTCTTTGCTTTGCTTTGCTTTGCTTTGCTTTGCTTTG 1560  
DB 1501 GCAACCCCAAGCAACTCTCTGTTTGTCTTTGCTTTGCTTTGCTTTGCTTTGCTTTGCTTTG 1560  
QY 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAAACATGCCCTGGCATGGGAGNAGACCGAG 1620

```
Db 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAAACAATGCCCTGGCATGGGAGAGACCAGAG 1520
Qy 1621 TGAGATGAAAAGTGGAGAGACAGGAGAAATTCAGTGTATCAAGAACTGATGCTACCAA 1680
Db 1621 TGAGATGAAAAGTGGAGAGACAGGAGAAATTCAGTGTATCAAGAACTGATGCTACCAA 1680
Qy 1681 AAGCATCATTTTGAAGCAGAGACGTCGCAAGGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
Db 1681 AAGCATCATTTTGAAGCAGAGACGTCGCAAGGGCAAAACCGGCAAAATCGCAGTGGATGG 1740
Qy 1741 CGTCTTGCTGTGTTTCAGGCTTATGTCAGATAGACCTTTTATCTGTGATGAGCTGAATGTT 1800
Db 1741 CGTCTTGCTGTGTTTCAGGCTTATGTCAGATAGACCTTTTATCTGTGATGAGCTGAATGTT 1800
Qy 1801 ACTATCTTTATATTTGACTTTCTGATGTGCTGCTGCTGCTTTTGTATTTGATTTGCATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTCTGATGTGCTGCTGCTGCTTTTGTATTTGATTTGCATCATAG 1860
Qy 1861 GACCTCTGCATTTTGAATTAAGTACTAGCTGAAATAATGTAATGTACCAACAGAAATATAT 1920
Db 1861 GACCTCTGCATTTTGAATTAAGTACTAGCTGAAATAATGTAATGTACCAACAGAAATATAT 1920
Qy 1921 TGTAGATGCCCTTCTGATTAAGATAGATGCTCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAGATGCCCTTCTGATTAAGATAGATGCTCAATATTTGCTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCAATATATATAAATNTGAAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCAATATATATAAATNTGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATGATGTTGATGCTTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATGATGTTGATGCTTCTCTCTACAA 2100
Qy 2101 CATTTCTAGAAAATAGAAAAAAGCAGACAGAAATGTTAACTGTTTGAATCTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGCAGACAGAAATGTTAACTGTTTGAATCTTATGAT 2160
Qy 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTAGCTGGTCTT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAACTTGATATTTAAATCTTTTGTAAATAAA 2260
Db 2221 TCATAGCCAACTTGATATTTAAATCTTTTGTAAATAAA 2260

RESULT 16
ID ADC43766
XX ADC43766 standard; cDNA; 2260 BP.
AC ADC43766;
XX
XX
DT 18-DEC-2003 (first entry)
DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX
XX Human; ss; gene; secreted protein; transmembrane protein; PRO;
XX cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
XX vulnary; auditory; tumour growth; retinal disorder;
XX sports-related joint problem; articular cartilage defects;
XX osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX
XX Homo sapiens.
XX
XX US2003054986-A1.
XX
XX 20-MAR-2003.
XX
XX 16-OCT-2001; 2001US-00981915.
XX
XX 17-OCT-1997; 97US-0062250P.
XX
```

```
PR 03-NOV-1997;
PR 13-NOV-1997;
PR 21-NOV-1997;
PR 10-MAR-1998;
PR 11-MAR-1998;
PR 11-MAR-1998;
PR 11-MAR-1998;
PR 12-MAR-1998;
PR 13-MAR-1998;
PR 17-MAR-1998;
PR 20-MAR-1998;
PR 20-MAR-1998;
PR 20-MAR-1998;
PR 25-MAR-1998;
PR 26-MAR-1998;
PR 27-MAR-1998;
PR 27-MAR-1998;
PR 27-MAR-1998;
PR 27-MAR-1998;
PR 30-MAR-1998;
PR 30-MAR-1998;
PR 31-MAR-1998;
PR 31-MAR-1998;
PR 31-MAR-1998;
PR 01-APR-1998;
PR 01-APR-1998;
PR 01-APR-1998;
PR 01-APR-1998;
PR 08-APR-1998;
PR 08-APR-1998;
PR 08-APR-1998;
PR 09-APR-1998;
PR 09-APR-1998;
PR 15-APR-1998;
PR 15-APR-1998;
PR 15-APR-1998;
PR 15-APR-1998;
PR 21-APR-1998;
PR 21-APR-1998;
PR 22-APR-1998;
PR 22-APR-1998;
PR 22-APR-1998;
PR 22-APR-1998;
PR 23-APR-1998;
PR 27-APR-1998;
PR 28-APR-1998;
PR 29-APR-1998;
PR 29-APR-1998;
PR 29-APR-1998;
PR 29-APR-1998;
PR 29-APR-1998;
PR 29-APR-1998;
PR 29-APR-1998;
PR 29-APR-1998;
PR 30-APR-1998;
PR 05-MAY-1998;
PR 06-MAY-1998;
PR 06-MAY-1998;
PR 07-MAY-1998;
PR 07-MAY-1998;
PR 07-MAY-1998;
PR 07-MAY-1998;
PR 13-MAY-1998;
PR 13-MAY-1998;
PR 13-MAY-1998;
```

```
97US-0064249P.
97US-0065311P.
97US-0065364P.
98US-0077450P.
98US-0077632P.
98US-0077641P.
98US-0077649P.
98US-0077791P.
98US-0078004P.
98US-00040220.
98US-0078866P.
98US-0078930P.
98US-0078936P.
98US-0078939P.
98US-0079294P.
98US-0079656P.
98US-0079663P.
98US-0079664P.
98US-0079688P.
98US-0079728P.
98US-0079786P.
98US-0079920P.
98US-0079923P.
98US-0080105P.
98US-0080107P.
98US-0080165P.
98US-0080194P.
98US-0080327P.
98US-0080328P.
98US-0080333P.
98US-0080334P.
98US-0081049P.
98US-0081070P.
98US-0081071P.
98US-0081195P.
98US-0081203P.
98US-0081229P.
98US-0081817P.
98US-0081819P.
98US-0081838P.
98US-0081922P.
98US-0081955P.
98US-0082568P.
98US-0082569P.
98US-0082700P.
98US-0082704P.
98US-0082797P.
98US-0082804P.
98US-0082796P.
98US-0083368P.
98US-0083322P.
98US-0083392P.
98US-0083495P.
98US-0083496P.
98US-0083499P.
98US-0083500P.
98US-0083545P.
98US-0083554P.
98US-0083558P.
98US-0083559P.
98US-0083742P.
98US-0084366P.
98US-0084414P.
98US-0084414P.
98US-0084598P.
98US-0084600P.
98US-0084627P.
98US-0084637P.
98US-0084639P.
98US-0084640P.
98US-0084643P.
98US-0085323P.
98US-0085338P.
```

PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087105P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-00105413.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-0086897P.  
PR 07-OCT-1998; 98US-0086897P.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98US-0024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 98US-00000106.  
PR 05-JAN-1999; 98US-00254465.  
PR 08-MAR-1999; 98US-0005028.  
PR 10-MAR-1999; 98US-00265686.  
PR 10-MAR-1999; 98US-00051590.  
PR 12-MAR-1999; 98US-00267213.  
PR 12-MAR-1999; 98US-0123957P.  
PR 29-MAR-1999; 98US-0126773P.  
PR 12-APR-1999; 98US-00284291.  
PR 21-APR-1999; 98US-0130232P.  
PR 26-APR-1999; 98US-0131022P.  
PR 28-APR-1999; 98US-0131445P.  
PR 14-MAY-1999; 98US-00311832.  
PR 14-MAY-1999; 98US-0134287P.  
PR 14-MAY-1999; 98US-0010733.  
PR 02-JUN-1999; 98US-0012252.  
PR 16-JUN-1999; 98US-0139557P.  
PR 23-JUN-1999; 98US-0141037P.  
PR 07-JUL-1999; 98US-0142680P.  
PR 26-JUL-1999; 98US-0145698P.  
PR 28-JUL-1999; 98US-0146222P.  
PR 25-AUG-1999; 98US-00380137.  
PR 25-AUG-1999; 98US-00380138.  
PR 25-AUG-1999; 98US-00380142.  
PR 29-OCT-1999; 98US-0162504P.  
PR 30-NOV-1999; 98US-0028313.  
PR 02-DEC-1999; 98US-0028551.  
PR 02-DEC-1999; 98US-0028565.  
PR 16-DEC-1999; 98US-0030095.  
PR 30-DEC-1999; 98US-0031243.  
PR 05-JAN-2000; 98US-0031274.  
PR 06-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 02-JUN-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 22-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00815744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001US-00909552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX  
PA (GETH ) GENENTECH INC.  
XX

Query Match 99.7%; Score 2253; DB 9; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Caps 0;

QY 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGGCGG 60  
DB 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGGCGG 60  
QY 61 GCTTAGCTGTCTACGGGCTCCGGCGGCGGCGGCTCCGAGGGGGGCTCAGAGGAGGAGGA 120  
DB 61 GCTTAGCTGTCTACGGGCTCCGGCGGCGGCGGCTCCGAGGGGGGCTCAGAGGAGGAGGA 120  
QY 121 GGACCGGTGGAGAGTCCCTCTGCCCTGGAGCCTTGGGCTCCCGCTGCTGCTCTCTCTGG 180  
DB 121 GGACCGGTGGAGAGTCCCTCTGCCCTGGAGCCTTGGGCTCCCGCTGCTGCTCTCTCTGG 180  
QY 181 TGGCAGGTGGTTCGGGAACGGCCAGTGCAGAGGCATCACGGGTTGTTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTCGGGAACGGCCAGTGCAGAGGCATCACGGGTTGTTAGCATCGGCAC 240  
QY 241 GTGAGCTGGGCTGTGTCACTATGGAACCTAACTGGCTGCTGCTGCTGCTGCTGCTGCTG 300  
DB 241 GTGAGCTGGGCTGTGTCACTATGGAACCTAACTGGCTGCTGCTGCTGCTGCTGCTGCTG 300  
QY 301 ACAGCAGGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAGTTGGTGAAGTGGTGG 360  
DB 301 ACAGCAGGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAGTTGGTGAAGTGGTGG 360  
QY 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGAAAACTCGCAGTCAAGATGTGA 420  
DB 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGAAAACTCGCAGTCAAGATGTGA 420  
QY 421 ATGAGTGTGGAATCAAAACCCCGGCATGCGAACACAGATGTGTGAATACACCGGAAGCT 480  
DB 421 ATGAGTGTGGAATCAAAACCCCGGCATGCGAACACAGATGTGTGAATACACCGGAAGCT 480  
QY 481 ACAAGTGTCTTTGCTCAGTGGGCACATGCTCATGCGAGATGCTAGCTGTGTAATCTTA 540  
DB 481 ACAAGTGTCTTTGCTCAGTGGGCACATGCTCATGCGAGATGCTAGCTGTGTAATCTTA 540  
QY 541 GGACATGTGCCATGATAAATGTCAGTGTGAGAGACACAGAGAGGAGGCGGCACAGT 600





PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081209P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081839P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085695P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-00105413.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98US-0021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98US-00204855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99US-0000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99US-00254465.  
PR 10-MAR-1999; 99US-00265866.  
PR 10-MAR-1999; 99US-00265866.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 12-APR-1999; 99US-00284291.  
PR 26-APR-1999; 99US-0130232P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99US-0134287P.  
PR 02-JUN-1999; 99US-012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 25-AUG-1999; 99US-0146222P.  
PR 28-JUL-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99US-0028313.  
PR 02-DEC-1999; 99US-0028551.  
PR 02-DEC-1999; 99US-0028551.  
PR 16-DEC-1999; 99US-0030095.  
PR 30-DEC-1999; 99US-0031243.  
PR 30-DEC-1999; 99US-0031274.  
PR 05-JAN-2000; 2000US-0000219.  
PR 06-JAN-2000; 2000US-0000277.  
PR 18-FEB-2000; 2000US-0000376.  
PR 18-FEB-2000; 2000US-0003565.  
PR 24-FEB-2000; 2000US-0004341.  
PR 24-FEB-2000; 2000US-0005004.  
PR 02-MAR-2000; 2000US-0005841.  
PR 10-MAR-2000; 2000US-0006319.  
PR 21-MAR-2000; 2000US-0007532.  
PR 30-MAR-2000; 2000US-0008439.  
PR 17-MAY-2000; 2000US-0013705.  
PR 22-MAY-2000; 2000US-014042.  
PR 30-MAY-2000; 2000US-014941.  
PR 02-JUN-2000; 2000US-015264.  
PR 28-JUL-2000; 2000US-020710.

PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 28-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX  
XX  
XX (GETH ) GENENTECH INC.  
PI Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;  
Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCGAGCGCTGAGGAGAGAGGCGCGG 60  
DB 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCGAGCGCTGAGGAGAGAGGCGCGG 60  
QY 61 GCTTAGCTCTACGCGGTCCGCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGAGGA 120  
DB 61 GCTTAGCTCTACGCGGTCCGCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGAGGA 120  
QY 121 GGACCCGTGGAGAAATGCTCTGCCCTGGAGCCTTGCGCTGCCGTGCTGCTCTCTGGG 180  
DB 121 GGACCCGTGGAGAAATGCTCTGCCCTGGAGCCTTGCGCTGCCGTGCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTTGGGAAACCGGCGCAGTGCAAGGATCACCGGTTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTGGGAAACCGGCGCAGTGCAAGGATCACCGGTTGTAGCATCGGCAC 240  
QY 241 GTACGCTGGGCTGTCTACTATGGAATGGAATGGAATGGAATGGAATGGAATGGA 300  
DB 241 GTACGCTGGGCTGTCTACTATGGAATGGAATGGAATGGAATGGAATGGAATGGA 300  
QY 301 ACAGCAAGGAGTGTGGAAGTACATGCGAACTCGGCTGCTGCTGCTGCTGCTGCTG 360  
DB 301 ACAGCAAGGAGTGTGGAAGTACATGCGAACTCGGCTGCTGCTGCTGCTGCTGCTG 360  
QY 361 GACCAACCAATGCAAGTGTGTTCCAGGATACACCGGAAACCTGCAAGATGTGA 420  
DB 361 GACCAACCAATGCAAGTGTGTTCCAGGATACACCGGAAACCTGCAAGATGTGA 420  
QY 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCGAACTCGGCTGCTGCTGCTGCTGCTG 480  
DB 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCGAACTCGGCTGCTGCTGCTGCTGCTG 480  
QY 481 ACAAGTGTGCTTGTGCTCAGTGGGCGACATGCTCATGCGAGATGCTGCTGCTGCTG 540  
DB 481 ACAAGTGTGCTTGTGCTCAGTGGGCGACATGCTCATGCGAGATGCTGCTGCTGCTG 540  
QY 541 GGACATGTGCCATGATAAATGTCAGTACAGTGTGGAACACAGAAAGAGGCGCACAGT 600  
DB 541 GGCATGTGCCATGATAAATGTCAGTACAGTGTGGAACACAGAAAGAGGCGCACAGT 600  
QY 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGAGTGTCTAGATATTG 660  
DB 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGAGTGTCTAGATATTG 660

DB 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGAGTGTCTAGATATTG 660  
QY 661 ATGAATGTGCCCTCTGGTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGGAACACATTTG 720  
DB 661 ATGAATGTGCCCTCTGGTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGGAACACATTTG 720  
QY 721 GAAGCTACTACTGCAATGTGCATTTGTTTCCGAACCTGCAATATATCAGTGGAGCATATG 780  
DB 721 GAAGCTACTACTGCAATGTGCATTTGTTTCCGAACCTGCAATATATCAGTGGAGCATATG 780  
QY 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCAGCCACCATGCCAATT 840  
DB 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCAGCCACCATGCCAATT 840  
QY 841 GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGAGGGATATAAAGGCAATGGAC 900  
DB 841 GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGAGGGATATAAAGGCAATGGAC 900  
QY 901 TTCCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCCTCAGAGCACCTGGTACCA 960  
DB 901 TTCCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCCTCAGAGCACCTGGTACCA 960  
QY 961 TCAAGAGAGAGATCAAGAAATGCTGCTCAAAAACAGATGAAAAGAGGCAAAAA 1020  
DB 961 TCAAGAGAGAGATCAAGAAATGCTGCTCAAAAACAGATGAAAAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATTTGAGCCCT 1080  
DB 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCCTACCCCTAAGGTGAATTTGAGCCCT 1080  
QY 1081 TCAATATGAAGAGATAGTTTCCAGAGCGGGAATCTCTATGAGGTGAAAAGGGATG 1140  
DB 1081 TCAATATGAAGAGATAGTTTCCAGAGCGGGAATCTCTATGAGGTGAAAAGGGATG 1140  
QY 1141 AAGAGAAATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200  
DB 1141 AAGAGAAATGAAAGAGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA 1200  
QY 1201 CATAGAGAGCGAAGCTTGGAGGAGATGTTTTTCCCTAAGGTGAATGAGCAGGTGA 1260  
DB 1201 CATAGAGAGCGAAGCTTGGAGGAGATGTTTTTCCCTAAGGTGAATGAGCAGGTGA 1260  
QY 1261 ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTCCAAACTGGAACATAAGATTT 1320  
DB 1261 ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTCCAAACTGGAACATAAGATTT 1320  
QY 1321 AAATATCTCGGTGACTGCAAGTTCATCATGCGGATCTGCTGACTGGAACAGGATAGAGA 1380  
DB 1321 AAATATCTCGGTGACTGCAAGTTCATCATGCGGATCTGCTGACTGGAACAGGATAGAGA 1380  
QY 1381 AGATGATTTTGAATGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 1440  
DB 1381 AGATGATTTTGAATGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 1440  
QY 1441 TCCGCGCTTGGCAGGTGCAAGAAAGACATTTGGCCGATTTGAAACTTTCTCTACCTGACCT 1500  
DB 1441 TCCGCGCTTGGCAGGTGCAAGAAAGACATTTGGCCGATTTGAAACTTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCACTCTGTTTCTCTTTGATTTACCGGCTGGCCGAGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGCACTCTGTTTCTCTTTGATTTACCGGCTGGCCGAGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1620  
DB 1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1620  
QY 1621 TGAGGATGAAAGTGGAGACAGGGAATTCAGTGTGATCAAGGAACTGATGCTTACCAA 1680  
DB 1621 TGAGGATGAAAGTGGAGACAGGGAATTCAGTGTGATCAAGGAACTGATGCTTACCAA 1680  
QY 1681 AAGCATCATTTTGAAGAGCAAGCTGGCAAGGGCAAAAACCGCGCAAAATCGCAGTGGATGG 1740  
DB 1681 AAGCATCATTTTGAAGAGCAAGCTGGCAAGGGCAAAAACCGCGCAAAATCGCAGTGGATGG 1740

QY 1741 CGCTTCGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
DB 1741 CGCTTCGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
QY 1801 ACTATCTTTATATTTGACTTTGATGTCAGTCCCTGGTTTTTTTTCATATTCATCATAG 1860  
DB 1801 ACTATCTTTATATTTGACTTTGATGTCAGTCCCTGGTTTTTTTTCATATTCATCATAG 1860  
QY 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAATTTGATGATGACCAAGAAATATAT 1920  
DB 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAATTTGATGATGACCAAGAAATATAT 1920  
QY 1921 TGTAAAGATGCTTTCTTTGATGATGATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
DB 1921 TGTAAAGATGCTTTCTTTGATGATGATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCATATATATAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCATATATATAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
DB 2101 CATTTCTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAACCTATGACATCAAGTAGACCTTTGCTTAACTGCTAGCTGGGTCTT 2220  
DB 2161 ACTTCTTGGAACCTATGACATCAAGTAGACCTTTGCTTAACTGCTAGCTGGGTCTT 2220  
QY 2221 TCATAGCCAACTTGATATTAATTTCTTTGTAATAATA 2260  
DB 2221 TCATAGCCAACTTGATATTAATTTCTTTGTAATAATA 2260  
RESULT 18  
ID ADC63490  
XX ID ADC63490 standard; cDNA; 2260 BP.  
XX AC ADC63490;  
XX DT 18-DEC-2003 (first entry)  
XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.  
XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;  
XX KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;  
XX KW vulnery; auditory; tumour growth; retinal disorder;  
XX KW sports-related joint problem; articular cartilage defects;  
XX KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.  
XX OS Homo sapiens.  
XX PN US2003054405-A1.  
XX DT 20-MAR-2003.  
XX PF 24-OCT-2001; 2001US-00999833.  
XX PR 17-OCT-1997; 97US-0062250P.  
XX PR 03-NOV-1997; 97US-0064249P.  
XX PR 13-NOV-1997; 97US-0065311P.  
XX PR 21-NOV-1997; 97US-0066364P.  
XX PR 10-MAR-1998; 98US-0077450P.  
XX PR 11-MAR-1998; 98US-0077632P.  
XX PR 11-MAR-1998; 98US-0077641P.  
XX PR 11-MAR-1998; 98US-0077649P.  
XX PR 12-MAR-1998; 98US-0077791P.  
XX PR 13-MAR-1998; 98US-0078004P.  
XX PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 23-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082966P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 30-APR-1998; 98US-0083559P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085589P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.



QY 721 GAAGCTACTGCAAAATGTCAACATGGTTCGAACTGCAATATATCACTGACGATATG 780  
Db 721 GAAGCTACTGCAAAATGTCAACATGGTTCGAACTGCAATATATCACTGACGATATG 780  
QY 781 ACTGTATAGATATAAATGAATGTACTATGGATAGCCATAGTCAGCACCACCATGCCAATT 840  
Db 781 ACTGTATAGATATAAATGAATGTACTATGGATAGCCATAGTCAGCACCACCATGCCAATT 840  
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900  
Db 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900  
QY 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960  
QY 961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGAAAAGAGGCAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGAAAAGAGGCAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAAAGGTGAATTCAGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAAAGGTGAATTCAGCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATCA 1200  
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGATCA 1200  
QY 1201 CATGAGAGCGAAGCCCTCGAGAGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGTGA 1260  
Db 1201 CATGAGAGCGAAGCCCTCGAGAGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGTGA 1260  
QY 1261 ATTGGGCTGATCTGTGTCGAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATT 1320  
Db 1261 ATTGGGCTGATCTGTGTCGAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATT 1320  
QY 1321 AAATATCTCGGTGACTGACGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380  
Db 1321 AAATATCTCGGTGACTGACGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380  
QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGCACT 1440  
Db 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGCACT 1440  
QY 1441 TCCGGCTTGGCAGTCAAGAAGAGACATGGCGGATGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCTTGGCAGTCAAGAAGAGACATGGCGGATGAAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTTTTGTATACCGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTTTTGTATACCGGCTGGCGGAGACAAAGTCGG 1560  
QY 1561 GAACTTCGAGTGTGTTGAAAAACAGTAACATGCTGTCATGGAGAGAACCAAGCAG 1620  
Db 1561 GAACTTCGAGTGTGTTGAAAAACAGTAACATGCTGTCATGGAGAGAACCAAGCAG 1620  
QY 1621 TGAGGATGAAAGTGAAGAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATCCCAA 1680  
Db 1621 TGAGGATGAAAGTGAAGAGACAGGAAAAATTCAGTTGTATCAAGGAACCTGATCCCAA 1680  
QY 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGGCAAAACCGGGAATCCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGGCAAAACCGGGAATCCAGTGGATGG 1740  
QY 1741 CGTCTGTCTGTTTCAAGCTTATGTCCAGATAGAGGCTTTTATCTGTGGATGACTGAATGT 1800  
Db 1741 CGTCTGTCTGTTTCAAGCTTATGTCCAGATAGAGGCTTTTATCTGTGGATGACTGAATGT 1800

QY 1801 ACTATCTTTATATTTGACCTTTGTATGTCAGTTCCCTGGTTTTTTTGTATATTCATCATAG 1860  
Db 1801 ACTATCTTTATATTTGACCTTTGTATGTCAGTTCCCTGGTTTTTTTGTATATTCATCATAG 1860  
QY 1861 GACCTCTGGCAATTTAGAATTAAGTCTGAAAAAATGTAATGTACCAACAGAAAAATTAT 1920  
Db 1861 GACCTCTGGCAATTTAGAATTAAGTCTGAAAAAATGTAATGTACCAACAGAAAAATTAT 1920  
QY 1921 TGTAAAGATGCTTTCTGTTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGATGCTTTCTGTTATAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTCTATATGTTGATGCTGCTCTCTACAA 2100  
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTCTATATGTTGATGCTGCTCTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCT 2220  
Db 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCT 2220  
QY 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260  
Db 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260  
RESULT 19  
ADC66590  
ID ADC66590 standard; cDNA; 2260 BP.  
XX AC ADC66590;  
XX AC ADC66590;  
DT 18-DEC-2003 (first entry)  
XX Human cDNA encoding secreted/transmembrane protein, PRO320.  
DE vulnery; virucide; neuroprotective; cytostatic; gene therapy;  
KW tumour cell proliferation inhibitor;  
KW secreted and transmembrane protein; PRO; viral infection; wound healing;  
KW tissue growth; muscle generation; muscle regeneration;  
KW amyotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;  
KW diabetic peripheral neuropathy; chromosome identification; antagonist;  
KW tissue typing; immunohistochemical staining; gene; ss.  
OS Homo sapiens.  
XX  
XX US2003060406-A1.  
PN 27-MAR-2003.  
XX  
XX 30-JUL-2001; 2001US-00918585.  
PF 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078866P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.

PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079565P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079688P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 26-JUN-1998; 98US-00105413.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98US-00211141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 23-DEC-1998; 98US-00218517.  
PR 05-JAN-1999; 98US-00254465.  
PR 08-MAR-1999; 98US-0005028.  
PR 10-MAR-1999; 98US-00265686.  
PR 10-MAR-1999; 98US-0005190.  
PR 12-MAR-1999; 98US-00267213.  
PR 12-APR-1999; 98US-00284291.  
PR 14-MAY-1999; 98US-00311832.  
PR 14-MAY-1999; 98US-00310733.  
PR 02-JUN-1999; 98US-00312252.  
PR 25-AUG-1999; 98US-00380137.  
PR 25-AUG-1999; 98US-00380138.  
PR 25-AUG-1999; 98US-00380142.  
PR 30-NOV-1999; 98US-00283113.  
PR 02-DEC-1999; 98US-0028551.  
PR 02-DEC-1999; 98US-0028565.  
PR 18-DEC-1999; 98US-0030095.  
PR 30-DEC-1999; 98US-0031243.  
PR 30-DEC-1999; 98US-0031274.  
PR 05-JAN-2000; 2000US-0000219.  
PR 06-JAN-2000; 2000US-0000277.  
PR 11-FEB-2000; 2000US-0000376.  
PR 18-FEB-2000; 2000US-0004341.  
PR 24-FEB-2000; 2000US-0005004.  
PR 02-MAR-2000; 2000US-0005841.  
PR 10-MAR-2000; 2000US-0006319.  
PR 21-MAR-2000; 2000US-0007532.  
PR 30-MAR-2000; 2000US-0008439.  
PR 17-MAY-2000; 2000US-0013705.  
PR 22-MAY-2000; 2000US-0014042.  
PR 30-MAY-2000; 2000US-0014941.  
PR 02-JUN-2000; 2000US-0015264.  
PR 28-JUN-2000; 2000US-0020710.  
PR 24-AUG-2000; 2000US-0023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000US-0032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000US-0034956.  
PR 28-FEB-2001; 2001US-0006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001US-0009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-0017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001US-0017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-0019692.  
PR 29-JUN-2001; 2001US-0021066.

PR 09-JUL-2001; 2001US-0021735.  
XX (GETH ) GENENTECH INC.  
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
XX Ferrara N, Filvaroff E, Fong S, Gao W, Garber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Kijavini IL, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tamas D, Williams PM, Wood WI;  
XX WPI; 2003-596568/56.  
DR P-PSDB; ADC66591.  
XX Novel secreted and transmembrane polypeptides and polynucleotides  
DR encoding them, useful for treating wound healing, tissue growth and  
PT muscle generation and regeneration, amyotrophic lateral sclerosis or  
PT neuropathy.  
XX Claim 2; SEQ ID NO 118; 472pp; English.  
XX The invention describes an isolated secreted and transmembrane PRO  
CC polypeptide (I). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615  
CC is useful in biotechnological and medical research, as well as in various  
CC industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,  
CC PRO708, PRO320, PRO351, PRO352, PRO361, PRO615, PRO618, PRO772, PRO853,  
CC PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful  
CC therapeutically in vivo for lessening the effects of viral infection.  
CC PRO200 is useful for the treatment of wound healing, tissue growth and  
CC muscle generation and regeneration. PRO337 is useful for treating  
CC amyotrophic lateral sclerosis, neuropathy, AIDS-associated neuropathy or  
CC diabetic peripheral neuropathy. A polynucleotide (II) encoding (I) is  
CC useful for generating transgenic animals or knockout animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents, as probes for generating a pool of sequences for identifying  
CC related PRO coding sequences, and to construct hybridisation probes for  
CC mapping the gene which encodes the PRO and for the genetic analysis of  
CC individuals with genetic disorders, for recombinantly expressing (I) and  
CC for chromosome identification. (I) is useful as molecular marker for  
CC protein electrophoresis purposes, and as therapeutic agents. (I) is also  
CC useful for screening compounds to identify those that mimic the PRO  
CC polypeptide (agonists) or prevent the effect of the PRO polypeptide  
CC (antagonists). (I) and (II) are useful for tissue typing. PRO antibodies  
CC are useful for immunohistochemical staining and/or assay of sample  
CC fluids. Anti-PRO antibodies are useful in diagnostic assays for PRO e.g.  
CC detecting its expression in specific cells, tissues or serum, and for  
CC affinity purification of PRO from recombinant cell culture or natural  
CC sources. This sequence encodes a human secreted and transmembrane PRO  
XX protein.  
SQ Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;  
Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CGGACGCGTGGGTGGAGTGGAGCGGAGGACCGGAGCGGCTCAGGAGAGGAGCGGCG 60  
Db 1 CGGACGCGTGGGTGGAGTGGAGCGGAGGACCGGAGCGGCTCAGGAGAGGAGCGGCG 60  
Qy 61 GCTTAGCTCTAGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 120  
Db 61 GCTTAGCTCTAGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 120  
Qy 121 GGACCCGTCGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 180  
Db 121 GGACCCGTCGAGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 180  
Qy 181 TGGCAGGTGGTTCGGGAAACCGGCGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 240  
Db 181 TGGCAGGTGGTTCGGGAAACCGGCGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 240  
Qy 241 GTCAGCTGGGCTGTGTCTATGGAATCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAGTCTGAG 300



Db 241 GTACAGCTGGGGTCTGTCACTATGGAACTAAACTGGCCCTGCTCTACGCTGGAGAA 300  
Qy 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACTGGATGTAAAGTTGTGTAGTGGTGG 360  
Db 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACTGGATGTAAAGTTGTGTAGTGGTGG 360  
Qy 361 GACCAAAACAATGAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGGA 420  
Db 361 GACCAAAACAATGAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGGA 420  
Qy 421 ATGAGTGTGAATGAACCCCGGCAATGCCAACACAGATGTGTGAATACACCGAAGCT 480  
Db 421 ATGAGTGTGAATGAACCCCGGCAATGCCAACACAGATGTGTGAATACACCGAAGCT 480  
Qy 481 ACAAAGTCTTTGCTCAGTGGCCACATGCTCATGCGAGATGCTAGCTGTGTGAATCTTA 540  
Db 481 ACAAAGTCTTTGCTCAGTGGCCACATGCTCATGCGAGATGCTAGCTGTGTGAATCTTA 540  
Qy 541 GGACATGTGCCATGATAAATCTGTCACTACAGTGTGAAGACACAGAAAGGCGCACAGT 600  
Db 541 GGACATGTGCCATGATAAATCTGTCACTACAGTGTGAAGACACAGAAAGGCGCACAGT 600  
Qy 601 GCCTGTGTCATCTCAGGACTCGGCTGGCCGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Db 601 GCCTGTGTCATCTCAGGACTCGGCTGGCCGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Qy 661 ATGAATGTGCTTGTGTAAGTCTATCTGCTCAATCGAAGATGTGTGAACACATTTG 720  
Db 661 ATGAATGTGCTTGTGTAAGTCTATCTGCTCAATCGAAGATGTGTGAACACATTTG 720  
Qy 721 GAAGTACTACTGCAATGTCAATGGTTCGAACTGCAATATATCAGTGGACGATATG 780  
Db 721 GAAGTACTACTGCAATGTCAATGGTTCGAACTGCAATATATCAGTGGACGATATG 780  
Qy 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTACCTGAGCAGCACCATGCAAT 840  
Db 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTACCTGAGCAGCACCATGCAAT 840  
Qy 841 GCTTCATACCCAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900  
Db 841 GCTTCATACCCAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAGTCTCAGAGCAGCCTGTACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAGTCTCAGAGCAGCCTGTACCA 960  
Qy 961 TCAAGACAGAAATCAAGAGTGTCTGTCTCAAAAAACAGATGAAAGAGGCAAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAGTGTCTGTCTCAAAAAACAGATGAAAGAGGCAAAAA 1020  
Qy 1021 TTAAAAATGTTACCCAGAACCCAGGACTCTTACCCCTTAAGGTGAATCTTCAGCCCT 1080  
Db 1021 TTAAAAATGTTACCCAGAACCCAGGACTCTTACCCCTTAAGGTGAATCTTCAGCCCT 1080  
Qy 1081 TCAACTATGAAGATAGTTCAGAGCGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGATAGTTCAGAGCGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGATGA 1200  
Db 1141 AAGAGAAATGAAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGATGA 1200  
Qy 1201 CATAGAGGAGGAGCTGCGAGGAGATGTGTGTTCCTTAAGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGGAGGAGCTGCGAGGAGATGTGTGTTCCTTAAGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTCGCGCTGATCTGGTCCAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGATTT 1320  
Db 1261 ATTCGCGCTGATCTGGTCCAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGATTT 1320  
Qy 1321 AAATATCTCGGTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGGA 1380  
Db 1321 AAATATCTCGGTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGGA 1380

Qy 1381 AGATGATTTTGACTGGATCCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTTGACTGGATCCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
Qy 1441 TCCGGGCTTGGCAGGTTCACAAGAAAGACATTTGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGGCTTGGCAGGTTCACAAGAAAGACATTTGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Qy 1501 GAAACCCCAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GAAACCCCAAGCAACTTCTGTTGCTCTTTGATTAACGGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAAACTTCGAGTCTTTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGAACCCAG 1620  
Db 1561 GAAACTTCGAGTCTTTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGAACCCAG 1620  
Qy 1621 TGAGGATGAAAAAGTGAAGACAGGAGAAATTCAGTTGTTATCAAGAACTGATCTACCAA 1680  
Db 1621 TGAGGATGAAAAAGTGAAGACAGGAGAAATTCAGTTGTTATCAAGAACTGATCTACCAA 1680  
Qy 1681 AAGCATCAATTTTGAAGCAGAACCTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCAATTTTGAAGCAGAACCTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTTCTGTTTCAAGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
Db 1741 CGTCTTCTGTTTCAAGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
Qy 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGATATTGCAATCATAG 1860  
Db 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGATATTGCAATCATAG 1860  
Qy 1861 GACCTCGGCAATTTTGAATTAAGTAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCGGCAATTTTGAATTAAGTAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Qy 1921 TGTAAAGTGCCTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGTGCCTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATTTATATAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTCCNCAATTTATATAAATNTGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTGATANGTANGTGTGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGATANGTANGTGTGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGACTTTATGAT 2160  
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGACTTTATGAT 2160  
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220  
Qy 2221 TCATAGCCAAACTTGTATATTATTTTCTTTGTAATAATA 2260  
Db 2221 TCATAGCCAAACTTGTATATTATTTTCTTTGTAATAATA 2260

## RESULT 20

ADC68714

ID ADC68714 standard; cDNA; 2260 BP.

XX AC ADC68714;

XX AC

XX DT 18-DEC-2003 (first entry)

XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.

XX DE

XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;

KW



```
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001WO-US016920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 25-MAY-2001; 2001US-00854280.
PR 01-JUN-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX (GETH ) GENENTECH INC.
XX
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
DB 1 CGGACGCGTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120
QY 121 GCAACGCTGCGAGATGCTCTGCCCTGGAGCCTTGGCTCCGCTGCTCTCTCTGG 180
DB 121 GCAACGCTGCGAGATGCTCTGCCCTGGAGCCTTGGCTCCGCTGCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTTTCGGGAACCGCGGCAGTCAAGGCATCAGGGTTGTAGCATCGGCAC 240
DB 181 TGGCAGGTGGTTTTCGGGAACCGCGGCAGTCAAGGCATCAGGGTTGTAGCATCGGCAC 240
QY 241 GTCAGCTGGGGTCTGTCACTATGAACTAACTGGCCCTGCTAGCGCTGGAGAGAA 300
DB 241 GTCAGCTGGGGTCTGTCACTATGAACTAACTGGCCCTGCTAGCGCTGGAGAGAA 300
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGCAACTGGAATGTAAGTTTGGTGGCTGG 360
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATCGCAACTGGAATGTAAGTTTGGTGGCTGG 360
```

```
QY 361 GACCAAAACAAATGAGATGCTTTTCCAGGATACACCGGAAAAACCTGCAGTCAAGATGGA 420
DB 361 GACCAAAACAAATGAGATGCTTTTCCAGGATACACCGGAAAAACCTGCAGTCAAGATGGA 420
QY 421 ATGAGTGTGAATGAAGAACCCCGGCCATGCAACACACAGATGTGTGAATACACACGGAAGCT 480
DB 421 ATGAGTGTGAATGAAGAACCCCGGCCATGCAACACACAGATGTGTGAATACACACGGAAGCT 480
QY 481 ACAAGTCTTTTGGCTCAGTGGGCAATGCTCATGTCAGATGCTAGCTGTGTGAATCTTA 540
DB 481 ACAAGTCTTTTGGCTCAGTGGGCAATGCTCATGTCAGATGCTAGCTGTGTGAATCTTA 540
QY 541 GGACATGTGCATGATATAAAGCTGTCAGTACAGCTGTCAAGACACAGAGAGAGGCGCCACAGT 600
DB 541 GGCATGTGTCATGATATAAAGCTGTCAGTACAGCTGTCAAGACACAGAGAGAGGCGCCACAGT 600
QY 601 GCCTGTGTCATGCTCAGGACTCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 660
DB 601 GCCTGTGTCATGCTCAGGACTCCGCTGGCCCAATGGAAGAGAGCTGTCTAGATATTG 660
QY 661 ATGAATGTGCTCTGTGTAAGTCAATCTGTCCTTACCAATCGAAGATGTGTGAACACATTTG 720
DB 661 ATGAATGTGCTCTGTGTAAGTCAATCTGTCCTTACCAATCGAAGATGTGTGAACACATTTG 720
QY 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAAGTCAATATATCAGTGGACGATATG 780
DB 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAAGTCAATATATCAGTGGACGATATG 780
QY 781 ACTGTATAGATATAAATGTAATGTACTATGATAGCCTACCTGCAGCCACCTGCCAATT 840
DB 781 ACTGTATAGATATAAATGTAATGTACTATGATAGCCTACCTGCAGCCACCTGCCAATT 840
QY 841 GCTTCAATACCCAGGGTCCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
DB 841 GCTTCAATACCCAGGGTCCCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGCTGTGTACCA 960
DB 901 TTCGGTGTCTGTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGCTGTGTGTACCA 960
QY 961 TCAAGACAGAAATCAAGAAATGCTTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
DB 961 TCAAGACAGAAATCAAGAAATGCTTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020
QY 1021 TTAATAATGTTACCCAGAAACCCACAGGACTCCTACCTCCCTAAGGTGAACCTTGACCCCT 1080
DB 1021 TTAATAATGTTTACCCAGAAACCCACAGGACTCCTACCTCCCTAAGGTGAACCTTGACCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGCACTCTCATGGAGGTAAAAAGGGAATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGGCGGCACTCTCATGGAGGTAAAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAGATGA 1200
DB 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAGATGA 1200
QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
DB 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTCCGCTGATTTCTGTGTCAAAAGGAAGCGCTAACTTCCAAACATGAAGATTT 1320
DB 1261 ATTCCGCTGATTTCTGTGTCAAAAGGAAGCGCTAACTTCCAAACATGAAGATTT 1320
QY 1321 AAATATCTCGGTTCACATGCGAGCTTCAATCATGGATCTGTGATGGAACAGGATAGAGA 1380
DB 1321 AAATATCTCGGTTCACATGCGAGCTTCAATCATGGATCTGTGATGGAACAGGATAGAGA 1380
QY 1381 AGATGATTTTGAAGTCTCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440
DB 1381 AGATGATTTTGAAGTCTCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT 1440
```

QY 1441 TCCGCGCTTGGCAGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACTGACCT 1500  
DB 1441 TCCGCGCTTGGCAGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACTGACCT 1500  
QY 1501 GCAACCCCAAGCACTTCTGTTGCTTTGATTTACCGGCTGCGGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGCACTTCTGTTGCTTTGATTTACCGGCTGCGGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCGAGTGTGTTGAAAGAAACAGTAACATGCTGCGATGGGAGAACCCAGAG 1620  
DB 1561 GAAACTTCGAGTGTGTTGAAAGAAACAGTAACATGCTGCGATGGGAGAACCCAGAG 1620  
QY 1621 TGAGGATGAAGAGTGAAGACAGGAAATTCAGTTGATCAAGGACTGATGCTACAA 1680  
DB 1621 TGAGGATGAAGAGTGAAGACAGGAAATTCAGTTGATCAAGGACTGATGCTACAA 1680  
QY 1681 AAGCATCATTTTGAAGCAGAGACGTCGCAAGGCGGCAAAACCGCGGAAATTCGCAATGG 1740  
DB 1681 AAGCATCATTTTGAAGCAGAGACGTCGCAAGGCGGCAAAACCGCGGAAATTCGCAATGG 1740  
QY 1741 CGTCTTGTCTGTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTTGATGACTCAATGTT 1800  
DB 1741 CGTCTTGTCTGTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTTGATGACTCAATGTT 1800  
QY 1801 ACTATCTTATATTTGACATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGTCATCATAG 1860  
DB 1801 ACTATCTTATATTTGACATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGTCATCATAG 1860  
QY 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGATGATGATGATGATGATGATGAT 1920  
DB 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGATGATGATGATGATGATGATGAT 1920  
QY 1921 TGTAAAGATGCTTTCTGTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980  
DB 1921 TGTAAAGATGCTTTCTGTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1980  
QY 1981 ATCTCTCAGTCATTTCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 2040  
DB 1981 ATCTCTCAGTCATTTCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 2040  
QY 2041 TATCT 2100  
DB 2041 TATCT 2100  
QY 2101 CATTTCTAGAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTCACTCTTATGAT 2160  
DB 2101 CATTTCTAGAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTCACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAACTATGACATCAAGATGACATTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
DB 2161 ACTTCTTGGAACTATGACATCAAGATGACATTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
QY 2221 TCATAGCCAACTTGTATATTTTAACTTTTGTATATATA 2260  
DB 2221 TCATAGCCAACTTGTATATTTTAACTTTTGTATATATA 2260  
RESULT 21  
ID ADC62774 standard; cDNA; 2260 BP.  
XX AC ADC62774;  
XX AC ADC62774;  
DT 18-DEC-2003 (first entry)  
DE Human cDNA encoding secreted/transmembrane protein, PRO320.  
XX Human; ss; gene; secreted protein; transmembrane protein; PRO;  
KW cytotaxic; ophthalmological; antiarthritic; osteopathic; antirheumatic;  
KW vulnary; auditory; tumour growth; retinal disorder;  
KW sports-related joint problem; articular cartilage defects;  
XX osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

OS Homo sapiens.  
XX US2003068648-A1.  
PN XX  
PD XX  
PF XX  
XX 10-APR-2003.  
XX 25-OCT-2001; 2001US-00013921.  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080103P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084411P.  
PR 07-MAY-1998; 98US-0084598P.

PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085333P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-0102114P.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98US-0109348P.  
PR 23-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 98US-0134453P.  
PR 08-MAR-1999; 98US-0134287P.  
PR 14-MAY-1999; 98US-0134287P.  
PR 02-JUN-1999; 98US-0134287P.  
PR 16-JUN-1999; 98US-0134287P.  
PR 30-NOV-1999; 98US-0139557P.  
PR 02-DEC-1999; 98US-0139557P.  
PR 02-DEC-1999; 98US-0139557P.  
PR 16-DEC-1999; 98US-0139557P.  
PR 30-DEC-1999; 98US-0139557P.  
PR 30-DEC-1999; 98US-0139557P.  
PR 05-JAN-2000; 98US-0139557P.  
PR 06-JAN-2000; 98US-0139557P.  
PR 06-JAN-2000; 98US-0139557P.  
PR 11-FEB-2000; 98US-0139557P.  
PR 18-FEB-2000; 98US-0139557P.  
PR 24-FEB-2000; 98US-0139557P.  
PR 02-MAR-2000; 98US-0139557P.  
PR 10-MAR-2000; 98US-0139557P.  
PR 21-MAR-2000; 98US-0139557P.  
PR 30-MAR-2000; 98US-0139557P.  
PR 17-MAY-2000; 98US-0139557P.  
PR 22-MAY-2000; 98US-0139557P.  
PR 30-MAY-2000; 98US-0139557P.  
PR 02-JUN-2000; 98US-0139557P.  
PR 28-JUL-2000; 98US-0139557P.  
PR 24-AUG-2000; 98US-0139557P.  
PR 01-SEP-2000; 98US-0139557P.  
PR 20-DEC-2000; 98US-0139557P.  
PR 28-FEB-2001; 98US-0139557P.  
PR 22-MAR-2001; 98US-0139557P.  
PR 25-MAY-2001; 98US-0139557P.

PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX (GETH ) GENENTECH INC.  
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME,  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,  
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoi NF, Roy MA, Shelton DL,  
PI Stewart TA, Tumas D, Williams PM, Wood WI,  
XX WPI; 2003-695924/66.  
DR P-PSDB; ADC62775.  
XX New isolated secreted and transmembrane PRO polypeptides, useful in the  
PT preparation of a medicament for treating a condition responsive to the  
PT polypeptide, and as therapeutic agents e.g. vaccines.  
XX Claim 2; SEQ ID NO 118; 467pp; English.  
XX The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule

Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGGCTGGCTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGGAGGCGCG 60  
DB 1 CGGACGGCTGGCTGGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGGAGGCGCG 60  
QY 61 GCTTAGCTGTACGGGCTCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 120  
DB 61 GCTTAGCTGTACGGGCTCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 120  
QY 121 GGACCGGTGGAGAAATGCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTCTCTCTGG 180  
DB 121 GGACCGGTGGAGAAATGCTCTGCGCTGGAGCGCTTGGCGCTCCCGCTGCTCTCTGG 180  
QY 181 TGGCAGGTGGTTTCGGAAACCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 240  
DB 181 TGGCAGGTGGTTTCGGAAACCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 240  
QY 241 GTACCGCTGGGCTCTGTCACTATGAACTAACTGGCGCTCTGCTACGGCTGAGAGAA 300  
DB 241 GTACCGCTGGGCTCTGTCACTATGAACTAACTGGCGCTCTGCTACGGCTGAGAGAA 300  
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACTCGGAACTGATTAAGTTGGTGGTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACTCGGAACTGATTAAGTTGGTGGTGG 360  
QY 361 GACCAAAACAATGAGATGCTTCCAGGATACACCGGAAACCTGAGTCAAGATGTA 420  
DB 361 GACCAAAACAATGAGATGCTTCCAGGATACACCGGAAACCTGAGTCAAGATGTA 420

421 ATGAGTGTGGATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGAGCT 480  
421 ATGAGTGTGGATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACGAGCT 480  
481 ACAAGTGTCTTTTCCCTCAGTGGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTA 540  
481 ACAAGTGTCTTTTCCCTCAGTGGCCACATGCTCATGCGCAGATGCTACGTGTGTGAATCTTA 540  
541 GGACATGTGCCATGTAAACTGTCTAGTACAGTGTGAAGACACAGAAAGAGGCGCCACAGT 600  
541 GGACATGTGCCATGTAAACTGTCTAGTACAGTGTGAAGACACAGAAAGAGGCGCCACAGT 600  
601 GCGTGTGTCCATCCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660  
601 GCGTGTGTCCATCCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660  
661 ATGAATGTGCTCTGGTAAAGTCAATCTGCTCCCTACAAATGGAAGATGTGTGAACACATTG 720  
661 ATGAATGTGCTCTGGTAAAGTCAATCTGCTCCCTACAAATGGAAGATGTGTGAACACATTG 720  
721 GAAGCTACTACTGCAAAATGTCAATGTGTTTCCAACTGCAATATATCAGTGGACGATATG 780  
721 GAAGCTACTACTGCAAAATGTCAATGTGTTTCCAACTGCAATATATCAGTGGACGATATG 780  
781 ACTGTATAGATATAAATGAATGTATATGATAGCCATACGTGCGCCACCATGCCAATT 840  
781 ACTGTATAGATATAAATGAATGTATATGATAGCCATACGTGCGCCACCATGCCAATT 840  
841 GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATATAAGGCAATGGAC 900  
841 GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATATAAGGCAATGGAC 900  
901 TTCCGTTGTTCTGCTATCCCTGAAAAATTTCTGTGAAGAAAGTCTCAGACACCTGGTACCA 960  
901 TTCCGTTGTTCTGCTATCCCTGAAAAATTTCTGTGAAGAAAGTCTCAGACACCTGGTACCA 960  
961 TCAAGACAGATCAAGAAAGTGTCTGCTCAGAAAGACAGATGAAAGAAAGGCAAAA 1020  
961 TCAAGACAGATCAAGAAAGTGTCTGCTCAGAAAGACAGATGAAAGAAAGGCAAAA 1020  
1021 TTAATAATGTTATCCCGAAGCCACAGGACTCTTACCCCTTAAGTGAACTTGCAGGCT 1080  
1021 TTAATAATGTTATCCCGAAGCCACAGGACTCTTACCCCTTAAGTGAACTTGCAGGCT 1080  
1081 TCAACTATGAGATAGATTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140  
1081 TCAACTATGAGATAGATTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140  
1141 AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200  
1141 AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200  
1201 CATAGAGGAGGAGCTGCGAGGATGTGTTTCCCTTAAGTGAATGAGCAGGTA 1260  
1201 CATAGAGGAGGAGCTGCGAGGATGTGTTTCCCTTAAGTGAATGAGCAGGTA 1260  
1261 ATTCGGCTGATTTCTGTTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320  
1261 ATTCGGCTGATTTCTGTTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320  
1321 AAATATCTCGTTGACTGCGATTCATCATGGATCTGTGACTGGAACAGGATAGAGA 1380  
1321 AAATATCTCGTTGACTGCGATTCATCATGGATCTGTGACTGGAACAGGATAGAGA 1380  
1381 AGATGATTTTGACTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
1381 AGATGATTTTGACTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGCCGATTTGAACCTTCTCTACCTGACCT 1500  
1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGCCGATTTGAACCTTCTCTACCTGACCT 1500  
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTGG 1560

1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGGCGGAGACAAAGTGG 1560  
1561 GAAACTTCGAGTGTGTGAAAAACAGTAAATGCGCTGGCATGGAGAGACACAGAG 1620  
1561 GAAACTTCGAGTGTGTGAAAAACAGTAAATGCGCTGGCATGGAGAGACACAGAG 1620  
1621 TGAGGATGAAAGTGGAAAGACAGGAAAAATTCAGTTGTATCAAGAGAACTGATCTACCAA 1680  
1621 TGAGGATGAAAGTGGAAAGACAGGAAAAATTCAGTTGTATCAAGAGAACTGATCTACCAA 1680  
1681 AAGCATCAATTTTGAAGCAGAAACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGCATGG 1740  
1681 AAGCATCAATTTTGAAGCAGAAACGTGGCAAGGCAAAACCGGCGAAATCGCAGTGCATGG 1740  
1741 GGTCTGTGCTGTTTCCAGCTTATGTCAGATAGCTTTTATCTGTGTGATGACTGAATGTT 1800  
1741 GGTCTGTGCTGTTTCCAGCTTATGTCAGATAGCTTTTATCTGTGTGATGACTGAATGTT 1800  
1801 ACTATCTTTATTTGACTTTTGTATGTCAGTTCCTGGTTTTTGTATATGTCATCATAG 1860  
1801 ACTATCTTTATTTGACTTTTGTATGTCAGTTCCTGGTTTTTGTATATGTCATCATAG 1860  
1861 GACCTCTGCGCAATTTAGAAATTAAGTCTGAAATAATGTAATGTACCAACAGAAATATTAT 1920  
1861 GACCTCTGCGCAATTTAGAAATTAAGTCTGAAATAATGTAATGTACCAACAGAAATATTAT 1920  
1921 TGTAAAGTGCCTTTCTGTATGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
1921 TGTAAAGTGCCTTTCTGTATGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
1981 ATCTTCTCAGTCAATTTCTGAAATCTTCCNCAATATATATAAAATNTGAAANGTCACTT 2040  
1981 ATCTTCTCAGTCAATTTCTGAAATCTTCCNCAATATATATAAAATNTGAAANGTCACTT 2040  
2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTANGCTTCTCTACAA 2100  
2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTANGCTTCTCTACAA 2100  
2101 CATTTCTAGAAATGAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
2101 CATTTCTAGAAATGAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220  
2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220  
2221 TCATAGCCAACTTGTATATTTTCTTCTGTAATAATA 2260  
2221 TCATAGCCAACTTGTATATTTTCTTCTGTAATAATA 2260

## RESULT 22

ADC67839  
ID ADC67839 standard; cDNA; 2260 BP.

XX ADC67839;

DT 18-DEC-2003 (first entry)

XX Human cDNA encoding secreted/transmembrane protein, PRO320.

XX Human; ss; gene; secreted protein; transmembrane protein; PRO;  
XX cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;  
XX vulnary; auditory; tumour growth; retinal disorder;  
XX sports-related joint problem; articular cartilage defects;  
XX osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

OS Homo sapiens.

XX US2003069178-A1.

XX 10-APR-2003.

PD

XX 16-OCT-2001; 2001US-00978423.  
PF 17-OCT-1997; 97US-0062250P.  
XX 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078938P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 23-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0083336P.  
PR 25-APR-1998; 98US-0083322P.  
PR 25-APR-1998; 98US-0083392P.  
PR 25-APR-1998; 98US-0083495P.  
PR 25-APR-1998; 98US-0083496P.  
PR 25-APR-1998; 98US-0083499P.  
PR 25-APR-1998; 98US-0083500P.  
PR 25-APR-1998; 98US-0083545P.  
PR 25-APR-1998; 98US-0083554P.  
PR 25-APR-1998; 98US-0083558P.  
PR 25-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 07-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085589P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-0090863P.  
PR 01-JUL-1998; 98US-0091010P.  
PR 30-JUL-1998; 98US-0094511P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98WO-US021141.  
PR 20-NOV-1998; 98US-0109304P.  
PR 22-DEC-1998; 98WO-US024855.  
PR 23-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-0134287P.  
PR 12-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012452.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146232P.  
PR 29-OCT-1999; 99US-0146250P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 05-JAN-2000; 99WO-US031274.  
PR 06-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 18-FEB-2000; 2000WO-US003565.  
PR 24-FEB-2000; 2000WO-US004341.  
PR 02-MAR-2000; 2000WO-US005004.  
PR 10-MAR-2000; 2000WO-US005841.  
PR 21-MAR-2000; 2000WO-US006319.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.



20-JUN-2001; 2001WO-US019692.  
29-JUN-2001; 2001WO-US021066.  
09-JUL-2001; 2001WO-US021735.  
30-JUL-2001; 2001US-00918585.  
(GETH ) GENENTECH INC.  
PA Ashkenazi AJ, Baker KP, Borstein D, Desnoyers L, Eaton DL;  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Kijavini IU, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-657582/62.  
DR P-PSDB; AOC67840.  
XX  
XX Novel secreted and transmembrane polypeptides, designated PRO  
PT polypeptides, and polynucleotides encoding them useful for treating  
PT kidney diseases, bone, cartilage and retinal disorders.  
XX  
XX Claim 2; SEQ ID NO 118; 468pp; English.  
XX  
XX The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC  
Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGAGCGCTGGTGGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGAGGCGGCG 60  
DB 1 CGGAGCGCTGGTGGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGGCGGCG 60  
QY 61 GCTTAGCTGCTACGGGGTCCGGCGGCGCTCCCGAGGGGGGCTCAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGGTCCGGCGGCGCTCCCGAGGGGGGCTCAGGAGGAGGA 120  
QY 121 GGACCCGTGGAGATGCTCTGCGCTGGAGCTTGGCGTCCGCTGCTCTCTCTGGG 180  
DB 121 GGACCCGTGGAGATGCTCTGCGCTGGAGCTTGGCGTCCGCTGCTCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTCGGGAAACCGGCGCAGTGCAGGCGATCA CGGGTTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTCGGGAAACCGGCGCAGTGCAGGCGATCA CGGGTTGTAGCATCGGCAC 240  
QY 241 GTCAGCTGGGCTCTGCTACATGCACTAACTAACTGCGCTGCTGCTGCGGAGAGAA 300  
DB 241 GTCAGCTGGGCTCTGCTACATGCACTAACTAACTGCGCTGCTGCTGCGGAGAGAA 300  
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGCAACCTGAGTGAATTTGGTGGTGGTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGCAACCTGAGTGAATTTGGTGGTGGTGG 360  
QY 361 GACCAACCAATGCAAGTGTCTTCCAGGATACACCGGAGAAACCTGCAAGTGA 420  
DB 361 GACCAACCAATGCAAGTGTCTTCCAGGATACACCGGAGAAACCTGCAAGTGA 420  
QY 421 ATGAGTGTGGATGAAGAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGAGCT 480  
DB 421 ATGAGTGTGGATGAAGAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGAGCT 480  
QY 481 ACAAGTGTCTTGGCTCAGTGGCGCACATGCTCATGCCAGATGCTACGTGTGNACTCTA 540

481 ACAAGTGTCTTGGCTCAGTGGCGCACATGCTCATGCCAGATGCTACGTGTGNACTCTA 540  
QY 541 GGACATGTGCCATGATAAATCTGTAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600  
DB 541 GGACATGTGCCATGATAAATCTGTAGTACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600  
QY 601 GCGTGTGTCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGAGCTGTCTAGATATTG 660  
DB 601 GCGTGTGTCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGAGCTGTCTAGATATTG 660  
QY 661 ATGAATGTCCCTCTCTGTAAGTCACTCTCTCCCTCAATCGAAGATGTGTGAACACATTG 720  
DB 661 ATGAATGTCCCTCTCTGTAAGTCACTCTCTCCCTCAATCGAAGATGTGTGAACACATTG 720  
QY 721 GAAGTACTACTGCAATGTCTCATTTGCTGCAATGCTGCAATATATCATGTGCGAGATG 780  
DB 721 GAAGTACTACTGCAATGTCTCATTTGCTGCAATGCTGCAATATATCATGTGCGAGATG 780  
QY 781 ACTGTATAGATATTAATGAATGTACTATGGAAGTCACTATGGAAGTCACTATGCAAT 840  
DB 781 ACTGTATAGATATTAATGAATGTACTATGGAAGTCACTATGGAAGTCACTATGCAAT 840  
QY 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGAC 900  
DB 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGAC 900  
QY 901 TTCGCTGTCTCTCTATCCCTGAAATTTCTGCAAGGAAGTCTCTCAGAGCAGCTGTGACCA 960  
DB 901 TTCGCTGTCTCTCTATCCCTGAAATTTCTGCAAGGAAGTCTCTCAGAGCAGCTGTGACCA 960  
QY 961 TCAAGACAGATCAAGAAAGTGTCTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020  
DB 961 TCAAGACAGATCAAGAAAGTGTCTGTCTCAAAAACAGCATGAAAAGAGGCAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCAGGAGCTCTTACCCCTAAAGTGAATCTTGCAGCCCT 1080  
DB 1021 TTAATAATGTTACCCAGAACCCAGGAGCTCTTACCCCTAAAGTGAATCTTGCAGCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTCCTCAGAGGCGGAACTCTCATGAGGTTAAAAAGGAATG 1140  
DB 1081 TCAACTATGAAGAGATAGTTCCTCAGAGGCGGAACTCTCATGAGGTTAAAAAGGAATG 1140  
QY 1141 AAGAGAAATCAAGAGGCGCTTGAAGATGAGAAAGAGAGAAAGGCGCTTGAAGATGA 1200  
DB 1141 AAGAGAAATCAAGAGGCGCTTGAAGATGAGAAAGAGAGAAAGGCGCTTGAAGATGA 1200  
QY 1201 CATAGAGGAGCGAGCTCGAGGAGATGTGTTTTTCCCTAAAGTGAATGAAGCAGGTGA 1260  
DB 1201 CATAGAGGAGCGAGCTCGAGGAGATGTGTTTTTCCCTAAAGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTGGGCTGATTCCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAGATTT 1320  
DB 1261 ATTGGGCTGATTCCTGCTCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAGATTT 1320  
QY 1321 AAATATCTCGGTTGACTGCAAGTTCATCATGGGATCTGTGCTGAGAAACAGGATAGAGA 1380  
DB 1321 AAATATCTCGGTTGACTGCAAGTTCATCATGGGATCTGTGCTGAGAAACAGGATAGAGA 1380  
QY 1381 AGATGATTTGATGGAATCTCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440  
DB 1381 AGATGATTTGATGGAATCTCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440  
QY 1441 TCCGGCTTGGCAGGTGCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT 1500  
DB 1441 TCCGGCTTGGCAGGTGCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCACTTCTGTTGCTCTTGAATACCGGCTGGCGGAGACAAAGTGG 1560  
DB 1501 GCAACCCCAAGCACTTCTGTTGCTCTTGAATACCGGCTGGCGGAGACAAAGTGG 1560  
QY 1561 GAAACTTTCGAGTGTGTGAAAAACAGTAACTATGCTTGGCATGCGGAGGAGACCAAG 1620



```
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085589P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 28-JUN-1998; 98US-0090863P.
PR 28-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-01021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98US-0109304P.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 13-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142880P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 25-MAY-2001; 2001WO-US009552.
PR 01-JUN-2001; 2001WO-US017092.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.

PR 30-JUL-2001; 2001US-00918585.
XX (GETH ) GENENTECH INC.
XX Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-743806/70.
DR P-P8DB; ADC41160.
XX
XX Novel isolated secreted and transmembrane PRO polypeptides, useful in the
PT preparation of a medicament for treating a condition responsive to the
PT polypeptide, and as therapeutic agents e.g. vaccines.
XX
XX Claim 2; SEQ ID NO 118; 466pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.

Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 CGGACGCGTGGGTGGAGTGGAGCGGAGGACCGAGCGGCTGAGAGAGAGAGAGCGGCG 60
1 CGGACGCGTGGGTGGAGTGGAGCGGAGGACCGAGCGGCTGAGAGAGAGAGAGCGGCG 60
61 GCTTAGCTGCTACGGGTCCGGCGGGCCCTCCGAGGGGGCTCAGGAGAGAGAGAGGA 120
61 GCTTAGCTGCTACGGGTCCGGCGGGCCCTCCGAGGGGGCTCAGGAGAGAGAGAGGA 120
121 GGACCCGCTCGAGAAATGCTCTGCCCTGGAGCCTTGGCGCTCCCGCTGCTCTCTGGG 180
121 GGACCCGCTCGAGAAATGCTCTGCCCTGGAGCCTTGGCGCTCCCGCTGCTCTCTGGG 180
181 TGGCAGGTGCTTGGGAAACGGGCGGCGGCTCCGAGGGGGCTCAGGAGAGAGAGGA 240
181 TGGCAGGTGCTTGGGAAACGGGCGGCGGCTCCGAGGGGGCTCAGGAGAGAGAGGA 240
241 GTCAGGCTGGGGTCTGTCACTATGGAACCTAACTGGCCTGTGCTACGGCTGGAGAGAA 300
241 GTCAGGCTGGGGTCTGTCACTATGGAACCTAACTGGCCTGTGCTACGGCTGGAGAGAA 300
301 ACAGCAAGGGAGTGTGAGAGTACATGCGAACCTGGATGTAAGTTTGGTGGTGGCGTG 360
301 ACAGCAAGGGAGTGTGAGAGTACATGCGAACCTGGATGTAAGTTTGGTGGTGGCGTG 360
361 GACCAACCAATGTCAGATGCTTTCCAGGATACACCGGGAACCTGTCAGTCAAGATGTA 420
361 GACCAACCAATGTCAGATGCTTTCCAGGATACACCGGGAACCTGTCAGTCAAGATGTA 420
421 ATGAGTGTGGAATGAAACCCCGGCGCATGCCAAGATGTGTGANTACACCGGAAGCT 480
421 ATGAGTGTGGAATGAAACCCCGGCGCATGCCAAGATGTGTGANTACACCGGAAGCT 480
481 ACAAGTGTCTTTGGCTCAGTGGCCATGCTCATGCCAGATGCTACGTGTGTGAAGTCT 540
481 ACAAGTGTCTTTGGCTCAGTGGCCATGCTCATGCCAGATGCTACGTGTGTGAAGTCT 540
541 GGCATGTGCCATGATTAATCTGTAGTACAGTGTGTAAGACACAGAGAGGGCCACAGT 600
```



PER	15-MAY-1998;	98US-0085689P;
PER	15-MAY-1998;	98US-0085697P;
PER	15-MAY-1998;	98US-0085701P;
PER	15-MAY-1998;	98US-0085704P;
PER	15-MAY-1998;	98US-0086023P;
PER	15-MAY-1998;	98US-0086392P;
PER	22-MAY-1998;	98US-0086411P;
PER	22-MAY-1998;	98US-0086430P;
PER	22-MAY-1998;	98US-0086486P;
PER	22-MAY-1998;	98US-0087098P;
PER	28-MAY-1998;	98US-0087108P;
PER	28-MAY-1998;	98US-0087206P;
PER	26-JUN-1998;	98US-0090863P;
PER	26-JUN-1998;	98US-0091101P;
PER	30-JUL-1998;	98US-0091359P;
PER	30-JUL-1998;	98US-0094651P;
PER	11-SEP-1998;	98US-0100038P;
PER	07-OCT-1998;	98US-05021141;
PER	20-NOV-1998;	98US-0103030P;
PER	20-NOV-1998;	98US-0504485P;
PER	22-DEC-1998;	98US-0113296P;
PER	23-DEC-1998;	98US-0113621P;
PER	05-JAN-1999;	99WO-US000106;
PER	08-MAR-1999;	99WO-US0050528;
PER	10-MAR-1999;	99WO-US00505190;
PER	12-MAR-1999;	99US-0123957P;
PER	22-MAR-1999;	99US-0126771P;
PER	21-APR-1999;	99US-0130232P;
PER	26-APR-1999;	99US-01131022P;
PER	28-APR-1999;	99US-0133445P;
PER	14-MAY-1999;	99US-0134287P;
PER	14-MAY-1999;	99WO-US010773;
PER	02-JUN-1999;	99WO-US012252;
PER	16-JUN-1999;	99US-0139557P;
PER	23-JUN-1999;	99US-0141037P;
PER	27-JUL-1999;	99US-0142680P;
PER	06-AUG-1999;	99US-0145698P;
PER	28-AUG-1999;	99US-0146222P;
PER	29-OCT-1999;	99US-0162506P;
PER	30-NOV-1999;	99WO-US028513;
PER	02-DEC-1999;	99WO-US028551;
PER	02-DEC-1999;	99WO-US028956;
PER	16-DEC-1999;	99WO-US030095;
PER	30-DEC-1999;	99WO-US031243;
PER	05-JAN-2000;	99WO-US03012774;
PER	05-JAN-2000;	2000WO-US000219;
PER	06-JAN-2000;	2000WO-US000277;
PER	06-JAN-2000;	2000WO-US000376;
PER	11-FEB-2000;	2000WO-US000356;
PER	18-FEB-2000;	2000WO-US004341;
PER	24-FEB-2000;	2000WO-US005004;
PER	02-MAR-2000;	2000WO-US005841;
PER	10-MAR-2000;	2000WO-US006319;
PER	21-MAR-2000;	2000WO-US007532;
PER	30-MAR-2000;	2000WO-US009439;
PER	17-MAY-2000;	2000WO-US013705;
PER	22-MAY-2000;	2000WO-US014042;
PER	30-MAY-2000;	2000WO-US014941;
PER	02-JUN-2000;	2000WO-US015264;
PER	28-JUL-2000;	2000WO-US020710;
PER	24-AUG-2000;	2000WO-US023328;
PER	01-DEC-2000;	2000WO-US032678;
PER	20-DEC-2000;	2000WO-US034956;
PER	28-FEB-2001;	2001WO-US006520;
PER	22-MAR-2001;	2001WO-US009552;
PER	25-MAY-2001;	2001WO-US017092;
PER	01-JUN-2001;	2001WO-US017800;
PER	20-JUN-2001;	2001WO-US019692;
PER	29-JUN-2001;	2001WO-US021066;
PER	09-JUL-2001;	2001WO-US021735;
PER	30-JUL-2001;	2001US-00934585;
XX	(GETH ) GENENTECH INC	

XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL,  
PI Ferrera N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME,  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,  
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy WA, Shelton DL,  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-743810/70.  
DR P-PSDB; ADB67215.  
XX  
PT Novel isolated secreted and transmembrane PRO polypeptides, useful in the  
PT preparation of a medicament for treating a condition responsive to the  
PT polypeptide, and as therapeutic agents e.g. vaccines.  
XX  
PS Claim 2; SEQ ID NO 118; 464pp; English.  
XX  
CC The invention describes an isolated secreted and transmembrane PRO  
CC polypeptide (I). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615  
CC is useful in biotechnological and medical research, as well as in various  
CC industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,  
CC PRO708, PRO320, PRO351, PRO361, PRO615, PRO618, PRO772, PRO853,  
CC PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful  
CC therapeutically in vivo for lessening the effects of viral infection.  
CC PRO200 is useful for the treatment of wound healing, tissue growth and  
CC muscle generation and regeneration. PRO337 is useful for treating  
Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGAGCGTGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGCGGCG 60  
DB 1 CGGAGCGTGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGGAGCGGCG 60  
QY 61 GCTTAGCTGCTACGGGGTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGGTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
QY 121 GGACCGTGGAGATGCTCTGCGCTGGAGCTTGGCTCCGCTCCGCTCTCTCTCTGG 180  
DB 121 GGACCGTGGAGATGCTCTGCGCTGGAGCTTGGCTCCGCTCCGCTCTCTCTCTGG 180  
QY 181 TGGCAGGTGGTTTCGGGAGCGGCGCAGTGCAGGCGATCAGCGGTGTTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTCGGGAGCGGCGCAGTGCAGGCGATCAGCGGTGTTAGCATCGGCAC 240  
QY 241 GTCAGCTGGGGTCTGCTACTATGGAATTAAGTGGCTGCTGCTAGCGGTGAGAGAA 300  
DB 241 GTCAGCTGGGGTCTGCTACTATGGAATTAAGTGGCTGCTGCTAGCGGTGAGAGAA 300  
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGGTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGGTGG 360  
QY 361 GACCAAAACAAATGCGATGCTTTCAGAGTACACCGGGAAACCTGCGATGATGTA 420  
DB 361 GACCAAAACAAATGCGATGCTTTCAGAGTACACCGGGAAACCTGCGATGATGTA 420  
QY 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCAACACAGATGTGAATACACCGGAGCT 480  
DB 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCAACACAGATGTGAATACACCGGAGCT 480  
QY 481 ACAAGTGTCTTTTCCCTCAGTGGCCATGCTCTCATGCCAGATGCTACGTGTGTAATCTTA 540  
DB 481 ACAAGTGTCTTTTCCCTCAGTGGCCATGCTCTCATGCCAGATGCTACGTGTGTAATCTTA 540  
QY 541 GGACATGTCCATGATTAATCTCTCAGTACAGTGTGAAGACACAGAGGGGCCACAGT 600  
DB 541 GGACATGTCCATGATTAATCTCTCAGTACAGTGTGAAGACACAGAGGGGCCACAGT 600  
QY 601 GCCTGTGTCCATCTCTCAGGACTCCGCTGGCCCGCCAAATGGAAGACTGTCTAGATATTG 660  
DB 601 GCCTGTGTCCATCTCTCAGGACTCCGCTGGCCCGCCAAATGGAAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGCTAAAGTCAATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTG 720  
DB 661 ATGAATGTGCTCTGCTAAAGTCAATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTG 720  
QY 721 GAAGCTACTACTGCAAAATGTCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 780  
DB 721 GAAGCTACTACTGCAAAATGTCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 780  
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
DB 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
QY 841 GCTTCAATACCCAAAGGCTCTTCAAGTGAATGCAAGCAGGAGATATAAAGCAATGGAC 900  
DB 841 GCTTCAATACCCAAAGGCTCTTCAAGTGAATGCAAGCAGGAGATATAAAGCAATGGAC 900  
QY 901 TTCCGCTGCTGCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGGTATCCA 960  
DB 901 TTCCGCTGCTGCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGGTATCCA 960  
QY 961 TCAAGACAGAAATCAAGAAAGTCTGCTTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAAAGTCTGCTTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTTCCCAAGACCCACAGGAGCTCTACCTCCCTAAGGTGAATTTGACGCCCT 1080  
DB 1021 TTAATAATGTTTCCCAAGACCCACAGGAGCTCTACCTCCCTAAGGTGAATTTGACGCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGGGCGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGGGCGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
DB 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
QY 1201 CATAGAGAGCAAGCTCGCAGGAGATGTTGTTTTTCCCTTAAGGTGAATGAAGCAAGTGA 1260  
DB 1201 CATAGAGAGCAAGCTCGCAGGAGATGTTGTTTTTCCCTTAAGGTGAATGAAGCAAGTGA 1260  
QY 1261 ATTGGGCTGATTTCTGTCCTAAGAGAGCGCTAACTTCCAACTGGAACATGAATATT 1320  
DB 1261 ATTGGGCTGATTTCTGTCCTAAGAGAGCGCTAACTTCCAACTGGAACATGAATATT 1320  
QY 1321 AAATATCTCGGTTGACTGCACTCATGGATCTGTGATGCGAATCGGAAACAGGATAGAGA 1380  
DB 1321 AAATATCTCGGTTGACTGCACTCATGGATCTGTGATGCGAATCGGAAACAGGATAGAGA 1380  
QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440  
DB 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT 1440  
QY 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT 1500  
DB 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTTGAAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTCTGTTGCTTCTTTGATTTACCGCTGGCCGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGCAACTCTGTTGCTTCTTTGATTTACCGCTGGCCGAGACAAAGTCGG 1560  
QY 1561 GAACTTGGAGTGTGTTGTAAGAAACAGTAAATGCTCCCTGCGCATGGAGAGACACAGAG 1620  
DB 1561 GAACTTGGAGTGTGTTGTAAGAAACAGTAAATGCTCCCTGCGCATGGAGAGACACAGAG 1620  
QY 1621 TGAGGATGAAAGTGGAGACAGGGGAAATTCAGTTGTTATCAAGGAATCATGCTACCAA 1680  
DB 1621 TGAGGATGAAAGTGGAGACAGGGGAAATTCAGTTGTTATCAAGGAATCATGCTACCAA 1680  
QY 1681 AAGCATCTTTTGAAGCAGAACCTGGCAGGCGGCAAAACCGGCGGAAATCGCAGTGGATG 1740  
DB 1681 AAGCATCTTTTGAAGCAGAACCTGGCAGGCGGCAAAACCGGCGGAAATCGCAGTGGATG 1740



```
QY 1741 CGCTCTGCTTGTTCAGGCTTATGTCAGATAGCCTTTATCTGTGATGACGATGATGTT 1800
Db 1741 CGCTCTGCTTGTTCAGGCTTATGTCAGATAGCCTTTATCTGTGATGACGATGATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGTATGTGATGTCAGTCCCTGGTTTTTTTGATATGTCATCATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTGATGTCAGTCCCTGGTTTTTTTGATATGTCATCATAG 1860
QY 1861 GACCTCTGCAATTTAGAAATTAAGTAAATTTGAAATTTGAAATTTGAAATTTGAAATTTAT 1920
Db 1861 GACCTCTGCAATTTAGAAATTTGAAATTTGAAATTTGAAATTTGAAATTTGAAATTTAT 1920
QY 1921 TGTAGATGCGCTTTCTGTATATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
Db 1921 TGTAGATGCGCTTTCTGTATATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATTTATATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTCAGTCATTTCTGATCTTTCCNCAATTTATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCTCNGTATATCTGATTTGTATATGATGATGATGATGATGATGATGATGAT 2100
Db 2041 TATCTCCCTCTCNGTATATCTGATTTGTATATGATGATGATGATGATGATGATGATGAT 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTGACTCTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTAACTGTTGACTCTTATGAT 2160
QY 2161 ACTTCTGGAACATGATGATCAATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTGGAACATGATGATCAATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220
QY 2221 TCATAGCCAAACTGCTATATTTATTTCTTTGTAATAATA 2260
Db 2221 TCATAGCCAAACTGCTATATTTATTTATTTCTTTGTAATAATA 2260

RESULT 25
AD62150
ID ADC62150 standard; cDNA; 2260 BP.
AC
XX
AC ADC62150;
XX
DT 18-DEC-2003 (first entry)
XX
DE Human cDNA encoding secreted/transmembrane protein, PRO320.
XX
XX Human; ss; gene; secreted protein; transmembrane protein; PRO;
XX cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;
XX vulnary; auditory; tumour growth; retinal disorder;
XX sports-related joint problem; articular cartilage defects;
XX osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.
XX
XX Homo sapiens.
XX
XX US2003073624-A1.
XX
XX 17-APR-2003.
XX
XX 15-OCT-2001; 2001US-00978193.
XX
XX 17-OCT-1997; 97US-0062250P.
XX
XX 03-NOV-1997; 97US-0064249P.
XX
XX 13-NOV-1997; 97US-0065311P.
XX
XX 21-NOV-1997; 97US-0066364P.
XX
XX 10-MAR-1998; 98US-0077450P.
XX
XX 11-MAR-1998; 98US-0077632P.
XX
XX 11-MAR-1998; 98US-0077641P.
XX
XX 12-MAR-1998; 98US-0077649P.
XX
XX 12-MAR-1998; 98US-0077791P.
XX
XX 13-MAR-1998; 98US-0078004P.
XX
XX 17-MAR-1998; 98US-00040220.
XX
XX 20-MAR-1998; 98US-0078886P.
XX
XX 20-MAR-1998; 98US-0078910P.
XX
XX 20-MAR-1998; 98US-0078936P.
XX
XX 20-MAR-1998; 98US-0078939P.
XX
XX 26-MAR-1998; 98US-0079294P.
XX
XX 26-MAR-1998; 98US-0079656P.
XX
XX 27-MAR-1998; 98US-0079663P.
XX
XX 27-MAR-1998; 98US-0079664P.
XX
XX 27-MAR-1998; 98US-0079689P.
XX
XX 27-MAR-1998; 98US-0079728P.
XX
XX 27-MAR-1998; 98US-0079786P.
XX
XX 30-MAR-1998; 98US-0079923P.
XX
XX 31-MAR-1998; 98US-0080105P.
XX
XX 31-MAR-1998; 98US-0080107P.
XX
XX 31-MAR-1998; 98US-0080194P.
XX
XX 01-APR-1998; 98US-0080327P.
XX
XX 01-APR-1998; 98US-0080328P.
XX
XX 01-APR-1998; 98US-0080333P.
XX
XX 01-APR-1998; 98US-0080334P.
XX
XX 08-APR-1998; 98US-0081049P.
XX
XX 08-APR-1998; 98US-0081070P.
XX
XX 08-APR-1998; 98US-0081071P.
XX
XX 09-APR-1998; 98US-0081195P.
XX
XX 09-APR-1998; 98US-0081203P.
XX
XX 15-APR-1998; 98US-0081229P.
XX
XX 15-APR-1998; 98US-0081817P.
XX
XX 15-APR-1998; 98US-0081819P.
XX
XX 15-APR-1998; 98US-0081838P.
XX
XX 15-APR-1998; 98US-0081952P.
XX
XX 21-APR-1998; 98US-0082568P.
XX
XX 21-APR-1998; 98US-0082569P.
XX
XX 22-APR-1998; 98US-0082700P.
XX
XX 22-APR-1998; 98US-0082704P.
XX
XX 22-APR-1998; 98US-0082797P.
XX
XX 23-APR-1998; 98US-0082804P.
XX
XX 27-APR-1998; 98US-0083366P.
XX
XX 28-APR-1998; 98US-0083322P.
XX
XX 29-APR-1998; 98US-0083392P.
XX
XX 29-APR-1998; 98US-0083495P.
XX
XX 29-APR-1998; 98US-0083496P.
XX
XX 29-APR-1998; 98US-0083499P.
XX
XX 29-APR-1998; 98US-0083500P.
XX
XX 29-APR-1998; 98US-0083545P.
XX
XX 29-APR-1998; 98US-0083554P.
XX
XX 29-APR-1998; 98US-0083558P.
XX
XX 30-APR-1998; 98US-0083559P.
XX
XX 05-MAY-1998; 98US-0083742P.
XX
XX 06-MAY-1998; 98US-0084366P.
XX
XX 06-MAY-1998; 98US-0084414P.
XX
XX 06-MAY-1998; 98US-0084441P.
XX
XX 07-MAY-1998; 98US-0084598P.
XX
XX 07-MAY-1998; 98US-0084600P.
XX
XX 07-MAY-1998; 98US-0084627P.
XX
XX 07-MAY-1998; 98US-0084637P.
XX
XX 07-MAY-1998; 98US-0084639P.
XX
XX 07-MAY-1998; 98US-0084640P.
XX
XX 13-MAY-1998; 98US-0084643P.
XX
XX 13-MAY-1998; 98US-0085323P.
XX
XX 13-MAY-1998; 98US-0085338P.
XX
XX 13-MAY-1998; 98US-0085339P.
XX
XX 15-MAY-1998; 98US-0085573P.
XX
XX 15-MAY-1998; 98US-0085579P.
XX
XX 15-MAY-1998; 98US-0085580P.
XX
XX 15-MAY-1998; 98US-0085582P.
XX
XX 15-MAY-1998; 98US-0085689P.
XX
XX 15-MAY-1998; 98US-0085697P.
XX
XX 15-MAY-1998; 98US-0085700P.
XX
XX 15-MAY-1998; 98US-0085704P.
XX
XX 18-MAY-1998; 98US-0086023P.
XX
XX 22-MAY-1998; 98US-0086392P.
XX
XX 22-MAY-1998; 98US-0086414P.
```









```
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001US-00854280.
PR 01-JUN-2001; 2001US-00870392.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001US-00871780.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-00891962.
PR 29-JUN-2001; 2001US-00891066.
PR 09-JUL-2001; 2001US-00891735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX

Query Match 99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGGCGGCG 60
DB 1 CGGACCGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTTCAGGAGGAGGAGGA 120
DB 61 GCTTAGCTGCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTTCAGGAGGAGGAGGA 120
QY 121 GGAACCGTGGAGAAATGCTCTGCGCTGGAGCTTGGCGTCCGCTGCTGCTCTCTGGG 180
DB 121 GGAACCGTGGAGAAATGCTCTGCGCTGGAGCTTGGCGTCCGCTGCTGCTCTCTGGG 180
QY 181 TGGCAGGTGGTTCGGGAAACCGGCGGAGTGCAGGAGTGCAGGAGTGCAGGAGTGCAGG 240
DB 181 TGGCAGGTGGTTCGGGAAACCGGCGGAGTGCAGGAGTGCAGGAGTGCAGGAGTGCAGG 240
QY 241 GTGAGCGTGGGTCTGTACTATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 300
DB 241 GTGAGCGTGGGTCTGTACTATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 300
QY 301 ACAGCAAGGAGTCTGTGAAGTCTACATGCAAGTCTGATGATGATGATGATGATGATGATG 360
DB 301 ACAGCAAGGAGTCTGTGAAGTCTACATGCAAGTCTGATGATGATGATGATGATGATGATG 360
QY 361 GACCAAAACAAATGAGATGCTTTCCAGGATACACCGGGGAAACCTGCAAGTGTGA 420
DB 361 GACCAAAACAAATGAGATGCTTTCCAGGATACACCGGGGAAACCTGCAAGTGTGA 420
QY 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCAACAGATGTGTGAATGATGATGATGATGATG 480
DB 421 ATGAGTGTGGAATGAAACCCCGGCGCATGCAACAGATGTGTGAATGATGATGATGATGATG 480
QY 481 ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGTGAATCTTA 540
DB 481 ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGTGAATCTTA 540
QY 541 GGCATGTGCGATGATAAATGCTGAGTACAGTGTGAGACACAGACAGAGAGGCGCACAGT 600
DB 541 GGCATGTGCGATGATAAATGCTGAGTACAGTGTGAGACACAGACAGAGAGGCGCACAGT 600
QY 601 GCCTGTGCTCATCTCAGGACTCCGCGCTGCGCCCAATGGAAGAGAGAGTGTGTGATATG 660
DB 601 GCCTGTGCTCATCTCAGGACTCCGCGCTGCGCCCAATGGAAGAGAGAGTGTGTGATATG 660
QY 661 ATGAAATGCGCTGTGTAAAGTCAATCTGCTCCCTGCAATGGAAGAGTGTGTGAACATTTG 720
DB 661 ATGAAATGCGCTGTGTAAAGTCAATCTGCTCCCTGCAATGGAAGAGTGTGTGAACATTTG 720
QY 721 GAAGCTACTACTGCAATGTGCATTTGGTTTGGAGTGTGCAATGTATGAGTGTGAGTGTGAG 780
DB 721 GAAGCTACTACTGCAATGTGCATTTGGTTTGGAGTGTGCAATGTATGAGTGTGAGTGTGAG 780
QY 781 ACTGTATAGATATAAATGATGTACTATGATAGGATGATGATGATGATGATGATGATGATGAT 840
```

```
DB 781 ACTGTATAGATATAAATGATGTACTATGATAGCCATACGTGAGCCACCATGCGCAATT 840
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGGCAATGGAC 900
DB 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGGCAATGGAC 900
QY 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGACCA 960
DB 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGACCA 960
QY 961 TCAAGAGACGAATCAAGAAAGTGTCTGTCTCAAAAGGACGATGAAAGGCAAGGCAAGGCA 1020
DB 961 TCAAGAGACGAATCAAGAAAGTGTCTGTCTCAAAAGGACGATGAAAGGCAAGGCAAGGCA 1020
QY 1021 TTAAGAAATGTTACCCAGACCCACAGGACTCTACCCCTAGGTGAATCTTGCAGCCCT 1080
DB 1021 TTAAGAAATGTTACCCAGACCCACAGGACTCTACCCCTAGGTGAATCTTGCAGCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAGGGAATG 1140
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAGGGAATG 1140
QY 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGAAATGA 1200
DB 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGAAATGA 1200
QY 1201 CATAGAGAGCGAGCTGCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
DB 1201 CATAGAGAGCGAGCTGCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260
QY 1261 ATTCCGCTGATTTCTGCTCAAGAGAAAGCGCTAACTTCCAACTGGAACATTAAGATTT 1320
DB 1261 ATTCCGCTGATTTCTGCTCAAGAGAAAGCGCTAACTTCCAACTGGAACATTAAGATTT 1320
QY 1321 AAATATCTCGGTGAGTCTGAGTCTCAATCATGAGATCTGTGACTGGAGAAACAGGATAGGA 1380
DB 1321 AAATATCTCGGTGAGTCTGAGTCTCAATCATGAGATCTGTGACTGGAGAAACAGGATAGGA 1380
QY 1381 AGATGATTTGATCGAAATCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 1440
DB 1381 AGATGATTTGATCGAAATCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 1440
QY 1441 TCGGCGCTTGGCAGTGCACAGAAAGACATTTGGCGGATGGAATCTTCTCTACCTGACCT 1500
DB 1441 TCGGCGCTTGGCAGTGCACAGAAAGACATTTGGCGGATGGAATCTTCTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTTTGATTAACCGCTGCGCGAGACAAAGTCGG 1560
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTTTGATTAACCGCTGCGCGAGACAAAGTCGG 1560
QY 1561 GAACTTCGAGTGTGTAAGAAACAGTAACAATGCGCTGCGATGGGAGAGACACAGAG 1620
DB 1561 GAACTTCGAGTGTGTAAGAAACAGTAACAATGCGCTGCGATGGGAGAGACACAGAG 1620
QY 1621 TGAGGATGAAAGTGGAAAGACAGGGAATTAATCAGTTGTATCAAGGAATCTGATGCTACCA 1680
DB 1621 TGAGGATGAAAGTGGAAAGACAGGGAATTAATCAGTTGTATCAAGGAATCTGATGCTACCA 1680
QY 1681 AAGCATCATTTTGAAGCAGAACGTCGAGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGG 1740
DB 1681 AAGCATCATTTTGAAGCAGAACGTCGAGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGG 1740
QY 1741 CGTCTTGTCTTGTTCAGGCTTATGTCCAGATAGCCCTTTATCTGTGGATGATGATGATGAT 1800
DB 1741 CGTCTTGTCTTGTTCAGGCTTATGTCCAGATAGCCCTTTATCTGTGGATGATGATGATGAT 1800
QY 1801 ACTATCTTATATTTGACTTGTATGTCAGTTCCTGCTGCTTTTGTGATTTGATGATGATGAT 1860
DB 1801 ACTATCTTATATTTGACTTGTATGTCAGTTCCTGCTGCTTTTGTGATTTGATGATGATGAT 1860
QY 1861 GACCTCTGCAATTTAGAAATTAAGTGTGATGATGATGATGATGATGATGATGATGATGAT 1920
```

Db 1861 GACCTCTGGCAATTTAGAAATTAAGTGAAGAAATTTGAATGTATGACCAAGAAATATTAT 1920  
QY 1921 TGTAAGATGCCCTTCTTGATTAAGATATGCCCAATATTTGCTTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAGATGCCCTTCTTGATTAAGATATGCCCAATATTTGCTTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTAGTCAATTTCTGCAATCTTCNCATATATTAATAATNTGGAANGTCACTT 2040  
Db 1981 ATCTTCTAGTCAATTTCTGCAATCTTCNCATATATTAATAATNTGGAANGTCACTT 2040  
QY 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTCTACAA 2100  
Db 2041 TATCTCCCTCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTCTACAA 2100  
QY 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Db 2101 CATTTCTAGAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
QY 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGCTT 2220  
QY 2221 TCATAGCCAACTGATATTTAAATCTTTGTAATAATAA 2260  
Db 2221 TCATAGCCAACTGATATTTAAATCTTTGTAATAATAA 2260  
RESULT 27  
ADE49152  
ID ADE49152 standard; cDNA; 2260 BP.  
XX  
AC ADE49152;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human cDNA encoding secreted/transmembrane protein, PRO320.  
XX  
KW Human; ss; gene; secreted protein; transmembrane protein; PRO;  
KW cytosolic; ophthalmological; articular; rheumatic; antirheumatic;  
KW vulvar; auditory; tumour growth; retinal disorder;  
KW sports-related joint problem; articular cartilage defects;  
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.  
XX  
OS Homo sapiens.  
XX  
PN US2003096744-A1.  
XX  
PD 22-MAY-2003.  
XX  
PF 28-JAN-2002; 2002US-00979187.  
XX  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078866P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079566P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.

PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080348P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081239P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 23-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082766P.  
PR 27-APR-1998; 98US-0083338P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083549P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084411P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086192P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 22-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-00105413.  
PR 26-JUN-1998; 98US-0090863P.  
PR 01-JUL-1998; 98US-0091010P.  
PR 30-JUL-1998; 98US-0094651P.







to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide. PRO725, PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO725, PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, anti-PRO1559 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence encodes a PRO protein.

SQ Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match	99, 78; Score 2253; DB 9; Length 2260;
Best Local Similarity	100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy 1	CGGACGGTGGTTCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGGCGCG 60
Db 1	CGGACGGTGGTTCGAGTGGAGCGGAGGACCCGAGCGCTGAGGAGAGAGGCGCG 60
Qy 61	GCTTAGCTGTACGGGTCCGGCGCGCGCCCTCCGAGGGGGCTCAGCAGAGGAGGA 120
Db 61	GCTTAGCTGTACGGGTCCGGCGCGCGCCCTCCGAGGGGGCTCAGCAGAGGAGGA 120
Qy 121	GGACCCGTGGAGAAATGCTTCCCTTGGAGCTTGGCTCCGCTGCTGCTCTCTGGG 180
Db 121	GGACCCGTGGAGAAATGCTTCCCTTGGAGCTTGGCTCCGCTGCTGCTCTCTGGG 180
Qy 181	TGGCAGGTGTTTCGGGAACGGCCAGTCCAGGCGATCAGGGTGTAGCATCGGCAC 240
Db 181	TGGCAGGTGTTTCGGGAACGGCCAGTCCAGGCGATCAGGGTGTAGCATCGGCAC 240
Qy 241	GTCAGCTGGGGTCTGTCACTATGAACTAAACTGGCTGCTGCTGCTGCTGCTGCTG 300
Db 241	GTCAGCTGGGGTCTGTCACTATGAACTAAACTGGCTGCTGCTGCTGCTGCTGCTG 300
Qy 301	ACAGCAGGGAGTCTGTGAGCTACATCGAACCCTGGATGATGTTGGTGGTGGTGG 360
Db 301	ACAGCAGGGAGTCTGTGAGCTACATCGAACCCTGGATGATGTTGGTGGTGGTGG 360
Qy 361	GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAAACTGCAGTCAAGATGCA 420
Db 361	GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAAACTGCAGTCAAGATGCA 420
Qy 421	ATGAGTGTGGATGAACCCCGCCATGCCAACACAGATGTGTGATACACAGGAGCT 480
Db 421	ATGAGTGTGGATGAACCCCGCCATGCCAACACAGATGTGTGATACACAGGAGCT 480

Qy 481	ACAAGTGTCTTTGCTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTCTA 540
Db 481	ACAAGTGTCTTTGCTCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTCTA 540
Qy 541	GGACATGTGCCATGATAAATGTGTAGTACAGTGTGGAAGACACAGAAAGGGGCGACAGT 600
Db 541	GGACATGTGCCATGATAAATGTGTAGTACAGTGTGGAAGACACAGAAAGGGGCGACAGT 600
Qy 601	GCTGTGTCCATCTCCTCAGGACTCCGCCCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
Db 601	GCTGTGTCCATCTCCTCAGGACTCCGCCCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660
Qy 661	ATGAATGTCCCTCTCGTAAAGTCACTCTCCCTCAATTCGAAGATGTGTGAACACATTG 720
Db 661	ATGAATGTCCCTCTCGTAAAGTCACTCTCCCTCAATTCGAAGATGTGTGAACACATTG 720
Qy 721	GAACTACTACTGCAAAATGTCTACATTTGTTTTCGAATCTCAATATATCATGTGCGACGATG 780
Db 721	GAACTACTACTGCAAAATGTCTACATTTGTTTTCGAATCTCAATATATCATGTGCGACGATG 780
Qy 781	ACTGTATAGATATAAATGAATGTACTATGATAGCATTACCTGAGCAGCCACCATGCCAATT 840
Db 781	ACTGTATAGATATAAATGAATGTACTATGATAGCATTACCTGAGCAGCCACCATGCCAATT 840
Qy 841	GCTTCATACCCCAAGGTCCTTCAAGTCTTAATGCAAGCAGGATATAAAGGCAATGGAC 900
Db 841	GCTTCATACCCCAAGGTCCTTCAAGTCTTAATGCAAGCAGGATATAAAGGCAATGGAC 900
Qy 901	TTCCGTTGTTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCTCAGAGCACCTGGTACCA 960
Db 901	TTCCGTTGTTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCTCAGAGCACCTGGTACCA 960
Qy 961	TCAAGACAGATCAAGAAGTGTCTGTCTCACAACAAAGCAGATGAAAAGGCGCAAAA 1020
Db 961	TCAAGACAGATCAAGAAGTGTCTGTCTCACAACAAAGCAGATGAAAAGGCGCAAAA 1020
Qy 1021	TTAAAAATGTTATACCCCAAGGTCCTTCAAGTCTTAATGCAAGCAGGATATAAAGGCAATGGAC 1080
Db 1021	TTAAAAATGTTATACCCCAAGGTCCTTCAAGTCTTAATGCAAGCAGGATATAAAGGCAATGGAC 1080
Qy 1081	TCAATATGAAGATAGTTCCTCAGAGGGGAACTCTCATGAGGTTAAAAAGGGAATG 1140
Db 1081	TCAATATGAAGATAGTTCCTCAGAGGGGAACTCTCATGAGGTTAAAAAGGGAATG 1140
Qy 1141	AAGAGAAATGAAGAGGGCTTTGAGATGAGAAAAAGAGAAAGCCCTGGAAGATGA 1200
Db 1141	AAGAGAAATGAAGAGGGCTTTGAGATGAGAAAAAGAGAAAGCCCTGGAAGATGA 1200
Qy 1201	CATAGAGAGCGAAGCTCCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGGTGA 1260
Db 1201	CATAGAGAGCGAAGCTCCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGGTGA 1260
Qy 1261	ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320
Db 1261	ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320
Qy 1321	AAATATCTCGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAACACAGATAGAGA 1380
Db 1321	AAATATCTCGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAACACAGATAGAGA 1380
Qy 1381	AGATGATTTTGTGCTGAATCTCTGATCGAGATTAATGCTATTGCTTCTATATGGCAGT 1440
Db 1381	AGATGATTTTGTGCTGAATCTCTGATCGAGATTAATGCTATTGCTTCTATATGGCAGT 1440
Qy 1441	TCGGGCTTGGCAGGTCAACAAGAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Db 1441	TCGGGCTTGGCAGGTCAACAAGAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500
Qy 1501	GCAACCCCAAGCAACTCTCTTTGCTCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560
Db 1501	GCAACCCCAAGCAACTCTCTTTGCTCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560
Qy 1561	GAAACTTCGAGTGTGTTGTGAAAAAAGTAACTATGCCCCGTCATGGGAGAGACACCGAG 1620

```

Db 1561 GAAACTTCAGTGTGTTGTGAAAAACAGTAAACAATGCCCTGCGATGGGAGAGACCAAG 1620
QY 1621 TGAGGATGAAGTGGAGACAGGGAATTCAGTTGATCAAGGAACTGATGCTACCA 1680
Db 1621 TGAGGATGAAGTGGAGACAGGGAATTCAGTTGATCAAGGAACTGATGCTACCA 1680
QY 1681 AAGCATCAATTTTGAAGCAGAACTGTCGCAAGGCAAAACCGGCGAAATCCGATGGATGG 1740
Db 1681 AAGCATCAATTTTGAAGCAGAACTGTCGCAAGGCAAAACCGGCGAAATCCGATGGATGG 1740
QY 1741 CCGCTGCTGTTTTCAGGCTATGTCAGATAGCTTTTATCTGATGACTGAAATGTT 1800
Db 1741 CCGCTGCTGTTTTCAGGCTATGTCAGATAGCTTTTATCTGATGACTGAAATGTT 1800
QY 1801 ACTATCTTTATATTTGACTTTGTATGTGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860
Db 1801 ACTATCTTTATATTTGACTTTGTATGTGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860
QY 1861 GACCTCTGCAATTTAGATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGCAATTTAGATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAGATGCCCTTCTTGTATTAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAGATGCCCTTCTTGTATTAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980
QY 1981 ATCTTCTAGTCAATTTCTGAATCTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
Db 1981 ATCTTCTAGTCAATTTCTGAATCTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTCTCTCTACAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTCTCTCTACAA 2100
QY 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
Db 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTAGCTGGGTCCT 2220
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTAGCTGGGTCCT 2220
QY 2221 TCATAGCCAACTGATATATTATTTTCTTTGTAATAATA 2260
Db 2221 TCATAGCCAACTGATATATTATTTCTTTGTAATAATA 2260

```

## RESULT 29

AD16320  
ID ADE16320 standard; cDNA; 2260 BP.

XX AC ADE16320;

XX DT 29-JAN-2004 (first entry)

XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.

XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;  
cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic;  
vulnerary; auditory; tumor growth; retinal disorder;  
sports-related joint problem; articular cartilage defects;  
osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

XX OS Homo sapiens.

XX PN US2003203435-A1.

XX PD 30-OCT-2003.

XX PF 18-OCT-2003; 2001US-00145092.

XX PP 30-APR-1998; 98US-0083742P.

PR 08-MAR-1999; 99WO-US005028.  
PR 23-JUN-1999; 99US-0141037P.  
PR 25-AUG-1999; 99US-00360138.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 30-JUL-2001; 2001US-00918585.  
XX (GETH ) GENENTECH INC.  
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Garber H, Gerritsen ME;  
PI Goddard A, Godowski RV, Grimaldi JC, Gurney AJ, Hillan KJ,  
PI Kljavin IG, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-875642/81.  
DR P-PSDB; ADE16321.  
XX New genes, and its encoded secreted and transmembrane polypeptides,  
PT useful for treating e.g. lung or breast tumors, osteoarthritis,  
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
PT hypoinulinemia or wounds.  
XX Claim 2; SEQ ID NO 118; 452pp; English.

CC The invention relates to an isolated PRO polypeptide (secreted or  
transmembrane protein) having at least 80% amino acid sequence identity  
to an amino acid sequence chosen from 94 fully defined sequences as given  
in the specification (including PRO lacking its associated signal  
peptide, a PRO extracellular domain with or without its associated signal  
peptide). Also included are nucleic acids encoding the PRO proteins  
mentioned above, a vector comprising a PRO nucleic acid, a host cell  
comprising the vector and producing PRO, a chimeric molecule comprising  
PRO fused to a heterologous amino acid sequence, and an anti-PRO  
antibody. PRO337 polypeptide is useful for detecting a PRO4993  
polypeptide in a sample suspected of containing PRO4993 polypeptide.  
Similarly, PRO4993 polypeptide is useful for detecting PRO337  
polypeptide. PRO700 or PRO739 polypeptide is useful for detecting  
PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
PRO725 or PRO739. PRO4993 polypeptide is useful for linking a  
bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
molecule is the toxin, radioisotope, or an antibody. The bioactive molecule  
causes death of the cell. PRO337 polypeptide is useful for linking a  
bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
useful for linking a bioactive molecule to a cell expressing PRO725,  
PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
polypeptide is useful for modulating at least one biological activity of  
the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
modulating the biological activity of the cell expressing PRO1559  
polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
PRO739 polypeptide is useful for modulating the biological activity of  
the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
polypeptides are useful for inhibiting tumor growth, retinal disorders,  
sports-related joint problems, articular cartilage defects,  
osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
mammals. The present sequence encodes a PRO protein.

XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. NO. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGGAGGCGCG 60  
DB 1 CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGGAGGCGCG 60  
QY 61 GCTTAGCTGTACGGGTCCGCGCGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

Db 61 GCTTAGCTGCTACGGGGTCGGCGCGCCCTCCCGAGAGGGGGCTCAGAGAGAGAGGA 120  
Qy 121 GGACCGTGGAGAAATGCCCTCTGCTCGAGAGCTTTCGCTCCCGCTGCTCTCTCTGG 180  
Db 121 GGACCGTGGAGAAATGCCCTCTGCTCGAGAGCTTTCGCTCCCGCTGCTCTCTGG 180  
Qy 181 TGGCAGGTGGTTTTCGGGAGCGGGCCAGTGCAGAGGATCAGGGTTGTAGCATCGGCAC 240  
Db 181 TGGCAGGTGGTTTTCGGGAGCGGGCCAGTGCAGAGGATCAGGGTTGTAGCATCGGCAC 240  
Qy 241 GTCAGCGTGGGTCTGTCACTATGGAATAAACTGGCCCTGCTGCTACCGCTGGAGAGAA 300  
Db 241 GTCAGCGTGGGTCTGTCACTATGGAATAAACTGGCCCTGCTGCTACCGCTGGAGAGAA 300  
Qy 301 ACAGCAGGAGTCTGTGAAGCTACATGCGACCTGGATGTAAGTTGGTGGTGGCTGG 360  
Db 301 ACAGCAGGAGTCTGTGAAGCTACATGCGACCTGGATGTAAGTTGGTGGTGGCTGG 360  
Qy 361 GACCAAAATAATGCAGATGCTTTCAGGATACACCGGAGAACTGCGAGTCAAGATGTA 420  
Db 361 GACCAAAATAATGCAGATGCTTTCAGGATACACCGGAGAACTGCGAGTCAAGATGTA 420  
Qy 421 ATGAGTGTGAATGAAACCCCGGCCATGCGCAACACAGATGTGTGAATACACCGAGCT 480  
Db 421 ATGAGTGTGAATGAAACCCCGGCCATGCGCAACACAGATGTGTGAATACACCGAGCT 480  
Qy 481 ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTAATCTTA 540  
Db 481 ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTAATCTTA 540  
Qy 541 GGACATGTGCATGATAAATGTCAGTACAGTGTGGAACACAGAGAGGGGCCACAGT 600  
Db 541 GGACATGTGCATGATAAATGTCAGTACAGTGTGGAACACAGAGAGGGGCCACAGT 600  
Qy 601 GCCTGTCTCCATCCTCAGGACTCGCTGCGCCCAATGAGAGAGAGTGTCTAGATATTG 660  
Db 601 GCCTGTCTCCATCCTCAGGACTCGCTGCGCCCAATGAGAGAGAGTGTCTAGATATTG 660  
Qy 661 ATGAATGTGCTCTGGTAAAGTCACTGTGCCCTTACAAATCGAAGATGTGTGAACAATT 720  
Db 661 ATGAATGTGCTCTGGTAAAGTCACTGTGCCCTTACAAATCGAAGATGTGTGAACAATT 720  
Qy 721 GAAGCTACTGCAATGTCAATGTGTTTCCAACTGCAATATATCAGTGCAGCATATG 780  
Db 721 GAAGCTACTGCAATGTCAATGTGTTTCCAACTGCAATATATCAGTGCAGCATATG 780  
Qy 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCGAGCCACCATGCCAAT 840  
Db 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCGAGCCACCATGCCAAT 840  
Qy 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAGGCAATGGAC 900  
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGMAAATCTGTGAAGGAAGTCTTCAAGACCTGGTACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGMAAATCTGTGAAGGAAGTCTTCAAGACCTGGTACCA 960  
Qy 961 TCAAGACAGATCAGAGTGTGCTCAAAAACAGCATGAAAGAGAGGCAAAA 1020  
Db 961 TCAAGACAGATCAGAGTGTGCTCAAAAACAGCATGAAAGAGAGGCAAAA 1020  
Qy 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTTGCAGCCCT 1080  
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTTGCAGCCCT 1080  
Qy 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTTCAATGAGGTAAAGAGGAATG 1140  
Db 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAATCTTCAATGAGGTAAAGAGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGGATGAGAAAAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGGATGAGAAAAGAGAGAGAGAGAGAGAGAGAGAG 1200

Qy 1201 CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTTCGGCTGATTCTGTTGTCAAAAGGAAAGCGCTAACTTCCAACTCGAAACATAAAGATT 1320  
Db 1261 ATTTCGGCTGATTCTGTTGTCAAAAGGAAAGCGCTAACTTCCAACTCGAAACATAAAGATT 1320  
Qy 1321 AAATATCTGGTTGACTGCAGCTTCAATCATGGATCTGTGACTGGAAAACAGGATAGAGA 1380  
Db 1321 AAATATCTGGTTGACTGCAGCTTCAATCATGGATCTGTGACTGGAAAACAGGATAGAGA 1380  
Qy 1381 AGATGATTTTGGACTCGAATCTGCTGATCGAGATAATGCTATTGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTTGGACTCGAATCTGCTGATCGAGATAATGCTATTGCTTCTATATGGCAGT 1440  
Qy 1441 TCCGGCTTGGCAGTCA CAAGAAAGACATTTGGCGGATTTGAAACTTCTCTTACCTGACCT 1500  
Db 1441 TCCGGCTTGGCAGTCA CAAGAAAGACATTTGGCGGATTTGAAACTTCTCTTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTTCTCTTTGATTACCGGCTGCGCGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTCTCTTTGATTACCGGCTGCGCGAGACAAAGTCGG 1560  
Qy 1561 GAACTTTCAGTGTGTTGTAAGGAGAGAGTGTGCAATGCAATGCGCTGGCAGAGACCAAG 1620  
Db 1561 GAACTTTCAGTGTGTTGTAAGGAGAGAGTGTGCAATGCAATGCGCTGGCAGAGACCAAG 1620  
Qy 1621 TGAGGATGAAAGTGGAGAGACAGGGAATTTCACTGTTGATCAAGGAACTGATGTACCAA 1680  
Db 1621 TGAGGATGAAAGTGGAGAGACAGGGAATTTCACTGTTGATCAAGGAACTGATGTACCAA 1680  
Qy 1681 AAGCATCAATTTTGAAGCAGAACGTGGCAAGGCGCAAAACCGCGGAAATTCGAGTGGATG 1740  
Db 1681 AAGCATCAATTTTGAAGCAGAACGTGGCAAGGCGCAAAACCGCGGAAATTCGAGTGGATG 1740  
Qy 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTCTGAGTACTGTAATGTT 1800  
Db 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTCTGAGTACTGTAATGTT 1800  
Qy 1801 ACTATCTTATATTTGACTTTTGTATGTGTCAGTTCCTGCTTTTGTATTTGATTCATAG 1860  
Db 1801 ACTATCTTATATTTGACTTTTGTATGTGTCAGTTCCTGCTTTTGTATTTGATTCATAG 1860  
Qy 1861 GACCTCTGGCAATTTAGAAATTAAGTGAATAATTTGATTTGATTTGATTTGATTTGATTT 1920  
Db 1861 GACCTCTGGCAATTTAGAAATTAAGTGAATAATTTGATTTGATTTGATTTGATTTGATTT 1920  
Qy 1921 TGTAAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980  
Db 1921 TGTAAAGATGCTTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980  
Qy 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATTTGCTTTAAATATCATATCATCTGT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATTTGCTTTAAATATCATATCATCTGT 2040  
Qy 2041 TATCTCCCTCTCCTGATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100  
Db 2041 TATCTCCCTCTCCTGATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100  
Qy 2101 CATTTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Qy 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGTCTAAGTGGCTTAGCTGGGCTCT 2220  
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGTCTAAGTGGCTTAGCTGGGCTCT 2220  
Qy 2221 TCATAGCAGAACTGTATATTTAAATTTCTTTGTAATAATAA 2260  
Db 2221 TCATAGCAGAACTGTATATTTAAATTTCTTTGTAATAATAA 2260

## RESULT 30

ADD72935  
ID ADD72935 standard; cDNA; 2260 BP.

XX AC

XX AC

XX AC

XX 29-JAN-2004 (first entry)

XX DT

XX DE

XX KW

XX KW

XX KW

XX KW

XX KW

XX KW

XX OS

XX OS

XX PN

XX PN

XX PD

XX PF

XX PF

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

XX PR

Human cDNA encoding secreted/transmembrane protein, PRO320.

Human; ss; gene; secreted protein; transmembrane protein; PRO; cystostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary; auditory; tumour growth; retinal disorder; sports-related joint problem; articular cartilage defects; osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

XX Homo sapiens.

XX US2003203436-A1.

XX 30-OCT-2003.

XX 18-OCT-2001; 2001US-00145129.

XX 22-MAY-1998; 98US-0086414P.

XX 22-DEC-1998; 98US-0113298P.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 12-APR-1999; 99US-00284291.

XX 25-AUG-1999; 99US-00380138.

XX 18-FEB-2000; 2000WO-US004341.

XX 30-JUL-2001; 2001US-00918585.

XX (GETH ) GENENTECH INC.

XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;

XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

XX Geddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;

XX Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;

XX Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-875643/81.

XX P-PSDB; ADD72936.

XX New PRO genes and encoded secreted and transmembrane polypeptides, useful

XX for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid

XX arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or

XX wounds.

XX Claim 2; SEQ ID NO 118; 453pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or

XX transmembrane protein) having at least 80% amino acid sequence identity

XX to an amino acid sequence chosen from 94 fully defined sequences as given

XX in the specification (including PRO lacking its associated signal

XX peptide), a PRO extracellular domain with or without its associated signal

XX peptide). Also included are nucleic acids encoding the PRO proteins

XX mentioned above, a vector comprising a PRO nucleic acid, a host cell

XX comprising the vector and producing PRO, a chimeric molecule comprising

XX PRO fused to a heterologous amino acid sequence, and an anti-PRO

XX antibody. PRO337 polypeptide is useful for detecting a PRO4993

useful for linking a bioactive molecule to a cell expressing PRO725, PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO1559 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence encodes a PRO protein.

XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

SQ Query Match 99.7%; Score 2253; DB 9; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CGGACGGCTGGCTCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGCGGCG 60

1 CGGACGGCTGGCTCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGCGGCG 60

61 GCTTAGCTGTACGGGTCCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

61 GCTTAGCTGTACGGGTCCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

121 GGACCCGTGCGAGGAATGCTTGGCTGGAGCGCTTGGCTCCGCGTCTCTCTCTGG 180

121 GGACCCGTGCGAGGAATGCTTGGCTGGAGCGCTTGGCTCCGCGTCTCTCTCTGG 180

181 TGGCAGGTGCTTGGGAGCGGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 240

181 TGGCAGGTGCTTGGGAGCGGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 240

241 GTACGCTGGGGTCTGTACATATGGAATGGAATGGAATGGAATGGAATGGAATGGA 300

241 GTACGCTGGGGTCTGTACATATGGAATGGAATGGAATGGAATGGAATGGAATGGA 300

301 ACAGCAGGAGTCTGTGAGTACATGCGAATGCGAATGCGAATGCGAATGCGAATGCG 360

301 ACAGCAGGAGTCTGTGAGTACATGCGAATGCGAATGCGAATGCGAATGCGAATGCG 360

361 GACCAAAACAATGCAAGTCTTTCCAGGATACACCGGGGAAACCTGCAAGTCAAGATGGA 420

361 GACCAAAACAATGCAAGTCTTTCCAGGATACACCGGGGAAACCTGCAAGTCAAGATGGA 420

421 ATGAGTGTGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 480

421 ATGAGTGTGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGA 480

481 ACAAGTGTCTTTTGGCTCAGTGGCGCACATGCTCATGCCAGATGCTACGCTGTGAACTCTA 540

481 ACAAGTGTCTTTTGGCTCAGTGGCGCACATGCTCATGCCAGATGCTACGCTGTGAACTCTA 540

541 GGACATGTGCGCATGATAAATCTGTGAGTACAGTCTGTGAGACACACAGAGAGGGCCACAGT 600

541 GGACATGTGCGCATGATAAATCTGTGAGTACAGTCTGTGAGACACACAGAGAGGGCCACAGT 600

601 GCCTGTGTCCATCTCTCAGGAGTCTCGGCTGGGCGGCGGCGGCGGCGGCGGCGGCGG 660

601 GCCTGTGTCCATCTCTCAGGAGTCTCGGCTGGGCGGCGGCGGCGGCGGCGGCGGCGG 660

661 ATGAATGTGCTCTCGTAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 720

661 ATGAATGTGCTCTCGTAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 720

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780

721 GAGCTACTACTGCAAAAGTCAATCTGCTCCCTCAATTCGAAGATGTGTGAAACATTTG 780





PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006320.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.

XX (GETH ) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Kijavini IJ, Kuo SS, Napior WA, Pan J, Paoni NP, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PW, Wood WI;

XX WPI; 2003-852598/79.  
DR P-PSDB; ADD72294.

XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
DR for stimulating the release of tumor necrosis factor alpha from human  
PT blood and stimulating the proliferation of differentiation of chondrocyte  
PT cells.

XX Claim 2; SEQ ID NO 118; 462pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
CC causes death of the cell. PRO337 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
CC useful for linking a bioactive molecule to a cell expressing PRO725,  
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
CC polypeptide is useful for modulating at least one biological activity of  
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
CC modulating the biological activity of the cell expressing PRO1559  
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
CC PRO739 polypeptide is useful for modulating the biological activity of  
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The

CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
CC sports-related joint problems, articular cartilage defects,  
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
CC mammals. The present sequence encodes a PRO protein.

XX Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. NO. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGGAGCGCTGAGGAGAGAGAGGCGGCG	60
DB	1	CGGACGGCTGGTCCGAGTGGAGCGGAGGACCGGAGCGCTGAGGAGAGAGAGGCGGCG	60
QY	61	GCTTAGCTGCTAGCGGGTCCGGCGCGCGGCGCTCCGAGGCGGCGCTCAGGAGAGAGGA	120
DB	61	GCTTAGCTGCTAGCGGGTCCGGCGCGCGGCGCTCCGAGGCGGCGCTCAGGAGAGAGGA	120
QY	121	GGACCCGCTGGCGAATGCTCTCTCCCTGGAGGCTTCCGCTCCGCTGCTCTCTCTCTGG	180
DB	121	GGACCCGCTGGCGAATGCTCTCTCCCTGGAGGCTTCCGCTCCGCTGCTCTCTCTCTGG	180
QY	181	TGGCAGGTGGTTTTCGGGAACCGCGCCAGTGCAGGATCACCGGTTTGTAGCATCGGCAC	240
DB	181	TGGCAGGTGGTTTTCGGGAACCGCGCCAGTGCAGGATCACCGGTTTGTAGCATCGGCAC	240
QY	241	GTCAGCTCGGGCTGTGCTCATATGGAATAAACTGGCGCTGCTCTACGGCTGGAGAGAA	300
DB	241	GTCAGCTCGGGCTGTGCTCATATGGAATAAACTGGCGCTGCTCTACGGCTGGAGAGAA	300
QY	301	ACAGCAGGAGGTCTGTGAAGCTCATGCGAACTGGATGAAGTTTGGTGGTGGTGG	360
DB	301	ACAGCAGGAGGTCTGTGAAGCTCATGCGAACTGGATGAAGTTTGGTGGTGGTGG	360
QY	361	GACCAAAACAAATGAGATGCTTTTCCAGATACACCGGGAACCTGCAGTCAAGATGTGA	420
DB	361	GACCAAAACAAATGAGATGCTTTTCCAGATACACCGGGAACCTGCAGTCAAGATGTGA	420
QY	421	ATGAGTGTGGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT	480
DB	421	ATGAGTGTGGAATGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT	480
QY	481	ACAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAATCTTA	540
DB	481	ACAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAATCTTA	540
QY	541	GGACATGTGCCATGATAAATCTGTGAGTGTGAAGACACAGAGAGAGGCGCCACAGT	600
DB	541	GGACATGTGCCATGATAAATCTGTGAGTGTGAAGACACAGAGAGAGGCGCCACAGT	600
QY	601	GCCTGTGTCCATCTCCAGGATCCGCGCTGCCCAATGGAAGAGACTGTCTAGATATTG	660
DB	601	GCCTGTGTCCATCTCCAGGATCCGCGCTGCCCAATGGAAGAGACTGTCTAGATATTG	660
QY	661	ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTG	720
DB	661	ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTG	720
QY	721	GAAGTACTACTGCAATGTCACATGCTTTCGAACTGCAATATATCAGTGGACGATATG	780
DB	721	GAAGTACTACTGCAATGTCACATGCTTTCGAACTGCAATATATCAGTGGACGATATG	780
QY	781	ACTGTATAGATATAAATGATGTACTATGATAGCCATACGTCAGCCACCATGCCAATT	840
DB	781	ACTGTATAGATATAAATGATGTACTATGATAGCCATACGTCAGCCACCATGCCAATT	840
QY	841	GTTCAATACCCAGGCTCTTCAAGTGAATGCAAGAGGAGGATATAAGGCAATGGAC	900
DB	841	GTTCAATACCCAGGCTCTTCAAGTGAATGCAAGAGGAGGATATAAGGCAATGGAC	900
QY	901	TTCCGCTGCTCTGCTATCCCTGAAATTTCTGTGAAGGAGGCTCTCAGAGACCTGGTACCA	960

901 TTCTGGTTCCTCTCCCTGAAATTCCTGTGAAGGAGTCTCTCAGAGCACCTGGTACCA 960  
961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAACACAGATGAAAAAGGCAAAA 1020  
961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAACACAGATGAAAAAGGCAAAA 1020  
1021 TTAATAATGTTACCCAGAACCCACAGAGTCTCTACCCCTAAGGTGAATTCGAGCCCT 1080  
1021 TTAATAATGTTACCCAGAACCCACAGAGTCTCTACCCCTAAGGTGAATTCGAGCCCT 1080  
1081 TCAACTATCAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTTAAAAAGGGAATG 1140  
1081 TCAACTATCAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTTAAAAAGGGAATG 1140  
1141 AAGAGAAATGAAGAGGAGTGTGAGATGAGAAAGAGAGAGAGCCCTGAGAGATGA 1200  
1141 AAGAGAAATGAAGAGGAGTGTGAGATGAGAAAGAGAGAGAGCCCTGAGAGATGA 1200  
1201 CATAGAGGAGGAGAGCTCGGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGTGA 1260  
1201 CATAGAGGAGGAGAGCTCGGAGGAGATGTGTTTTTCCCTAAGGTGAATGAGCAGTGA 1260  
1261 ATTGGCCCTGATCTGCTCCAAAGGAGAGCGTAACTTCCAACTGGAAACATAAGATTT 1320  
1261 ATTGGCCCTGATCTGCTCCAAAGGAGAGCGTAACTTCCAACTGGAAACATAAGATTT 1320  
1321 AATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACACAGATAGAGA 1380  
1321 AATATCTCGGTTGACTGAGCTTCAATCATGGGATCTGTGACTGGAACACAGATAGAGA 1380  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATGCTCTCTATATGGCAGT 1440  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATGCTCTCTATATGGCAGT 1440  
1441 TCGGGCTTGGCAGGTCACAGAGAAACATGTCGGATGAACTTCTCTACCTGACCT 1500  
1441 TCGGGCTTGGCAGGTCACAGAGAAACATGTCGGATGAACTTCTCTACCTGACCT 1500  
1501 GCAACCCCAAGCAACTCTGTTTGTCTCTTGAATACCGCTGCGCGGAGACAAAGTCGG 1560  
1501 GCAACCCCAAGCAACTCTGTTTGTCTCTTGAATACCGCTGCGCGGAGACAAAGTCGG 1560  
1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACATGCTGCTGGCATGGGAGAGACACAGAG 1620  
1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACATGCTGCTGGCATGGGAGAGACACAGAG 1620  
1621 TGAGATGAAAAAGTGGAGACAGGGAATTCAGTTGTTATCAAGGAACCTGATGCTACCAA 1680  
1621 TGAGATGAAAAAGTGGAGACAGGGAATTCAGTTGTTATCAAGGAACCTGATGCTACCAA 1680  
1681 AAGCATCATTTTGAAGCAGAACTGTCGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
1681 AAGCATCATTTTGAAGCAGAACTGTCGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTATCTGCGGATGACTGATCTT 1800  
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTATCTGCGGATGACTGATCTT 1800  
1801 ACTATCTTATTTATTTGATTTGATGTCAGTTCCTCTGTTTTCATATTCATCATAG 1860  
1801 ACTATCTTATTTGATTTGATGTCAGTTCCTCTGTTTTCATATTCATCATAG 1860  
1861 GACCTTGGCATTTTGAATTTACGATGAGGAAATTTGATGTAACAGAGAAATTTAT 1920  
1861 GACCTTGGCATTTTGAATTTACGATGAGGAAATTTGATGTAACAGAGAAATTTAT 1920  
1921 TGTAGATGCTTCTCTGATGATGATGCAATATTTGCTTTTAAATATCATATCACTCT 1980  
1921 TGTAGATGCTTCTCTGATGATGATGCAATATTTGCTTTTAAATATCATATCACTCT 1980  
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATTAATTTGGAAGTCACTT 2040  
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATTAATTTGGAAGTCACTT 2040

2041 TATCTCCCTCCCTCCTGATATATCTGATTTGTATGANGTANGTCTCTCTACAA 2100  
2041 TATCTCCCTCCCTCCTGATATATCTGATTTGTATGANGTANGTCTCTCTACAA 2100  
2101 CATTTCTAGAAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGAACCTTTATGAT 2160  
2101 CATTTCTAGAAAAATAGAAAAAGACAGAGAAATGTTTAACTGTTTGAACCTTTATGAT 2160  
2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTCTT 2220  
2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTCTT 2220  
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATAA 2260  
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATAA 2260

RESULT 32  
ADEI6944  
ID ADEI6944 standard; cDNA; 2260 BP.  
XX  
AC ADEI6944;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human cDNA encoding secreted/transmembrane protein, PRO320.  
XX  
Human; ss; gene; secreted protein; transmembrane protein; PRO; cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic; muscular; auditory; tumour growth; retinal disorder; sports-related joint problem; articular cartilage defects; osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.  
XX  
Homo sapiens.  
OS  
XX  
PN US2003203433-A1.  
XX  
XX 30-OCT-2003.  
XX  
PF 18-OCT-2001; 2001US-00145016.  
XX  
XX 06-MAY-1998; 98US-0084414P.  
PR  
XX 22-DEC-1998; 98US-0113296P.  
PR  
XX 05-JAN-1999; 99WO-US000106.  
PR  
XX 08-MAR-1999; 99WO-US0005028.  
PR  
XX 12-APR-1999; 99US-00284291.  
PR  
XX 25-AUG-1999; 99US-00380138.  
PR  
XX 18-FEB-2000; 2000WO-US004341.  
PR  
XX 30-JUL-2001; 2001US-00918585.  
(GETH ) GENENTECH INC.  
XX  
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL; Ferrara N, Filvaroff E, Pong S, Gao W, Gerber H, Gerritsen ME; Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ; Kijavini LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL; Stewart TA, Tumas D, Williams PM, Wood WI;  
XX  
WPI; 2003-875640/81.  
XX  
P-PSDB; ADEI6945.  
XX  
New genes, and its encoded secreted and transmembrane polypeptides, useful for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or wounds.  
XX  
Claim 2; SEQ ID NO 118; 459pp; English.  
XX  
The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal



peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide, and PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO725, PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO1559 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence encodes a PRO protein.

Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;

Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CC	peptide, a PRO extracellular domain with or without its associated signal	Db	481	ACAAAGTGGCTTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTCTA	540
CC	peptide). Also included are nucleic acids encoding the PRO proteins	QY	541	GGACATGTGCCATGATAAATGTTCAGTACAGCTGTGTGAAGACACAGAAAGGCGCCACGT	600
CC	mentioned above, a vector comprising a PRO nucleic acid, a host cell	Db	541	GGACATGTGCCATGATAAATGTTCAGTACAGCTGTGTGAAGACACAGAAAGGCGCCACGT	600
CC	comprising the vector and producing PRO, a chimeric molecule comprising	QY	601	GCCTGTGTCCTCCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG	660
CC	PRO fused to a heterologous amino acid sequence, and an anti-PRO	Db	601	GCCTGTGTCCTCCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG	660
CC	antibody. PRO337 polypeptide is useful for detecting a PRO4993	QY	661	ATGAATGTGCTCTGTGTAAGTCAATCTGTCCTCAATCGAAGATGTGTGAACACATTTG	720
CC	polypeptide in a sample suspected of containing PRO4993 polypeptide.	Db	661	ATGAATGTGCTCTGTGTAAGTCAATCTGTCCTCAATCGAAGATGTGTGAACACATTTG	720
CC	Similarly, PRO4993 polypeptide is useful for detecting PRO337	QY	721	GAACTGTCTACTGCAATGTGCATTTGTTTGCAGTCAATATATCAGTGGACGATATG	780
CC	polypeptide, and PRO1559 polypeptide is useful for detecting	Db	721	GAACTGTCTACTGCAATGTGCATTTGTTTGCAGTCAATATATCAGTGGACGATATG	780
CC	PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a	QY	781	ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCAGCCACCATGCCAATT	840
CC	bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive	Db	781	ACTGTATAGATATAAATGAATGTACTATGATAGCCATACGTGCAGCCACCATGCCAATT	840
CC	molecule is the toxin, radiolabel, or an antibody. The bioactive molecule	QY	841	GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC	900
CC	causes death of the cell. PRO337 polypeptide is useful for linking a	Db	841	GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC	900
CC	bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,	QY	901	TTCCGTGTCTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCCCTCAGACGACCTGGTACCA	960
CC	PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule	Db	901	TTCCGTGTCTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCCCTCAGACGACCTGGTACCA	960
CC	to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is	QY	961	TCAAGACAGATCAAGNAGTGTCTTCTCACAATAACACATGCAATAAAGAGGCAAAAA	1020
CC	useful for linking a bioactive molecule to a cell expressing PRO725,	Db	961	TCAAGACAGATCAAGNAGTGTCTTCTCACAATAACACATGCAATAAAGAGGCAAAAA	1020
CC	PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337	QY	1021	TTAAAAATGTTTACCCACAGAACCCACACAGGACTCTCTACCCCTTAAGGTGAACTTGCAGCCCT	1080
CC	polypeptide is useful for modulating at least one biological activity of	Db	1021	TTAAAAATGTTTACCCACAGAACCCACACAGGACTCTCTACCCCTTAAGGTGAACTTGCAGCCCT	1080
CC	the cell expressing PRO337 polypeptide, where the cell is killed. PRO337	QY	1081	TCACTATGAAGATAGTATTCCAGAGCGGGAACTCTCATGTAGGTTAAAAAGGGAATG	1140
CC	polypeptide or anti-PRO4993 polypeptide is useful for modulating the	Db	1081	TCACTATGAAGATAGTATTCCAGAGCGGGAACTCTCATGTAGGTTAAAAAGGGAATG	1140
CC	biological activity of the cell expressing PRO4993 polypeptide; PRO725,	QY	1141	AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAGAAATGA	1200
CC	PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for	Db	1141	AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAGAAATGA	1200
CC	modulating the biological activity of the cell expressing PRO1559	QY	1201	CATAGAGAGAGAGCCCTGCAGAGAGATGTGTTTTCCCTTAAGGTGAATGAAGAGAGTGA	1260
CC	polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-	Db	1201	CATAGAGAGAGAGCCCTGCAGAGAGATGTGTTTTCCCTTAAGGTGAATGAAGAGAGTGA	1260
CC	PRO739 polypeptide is useful for modulating the biological activity of	QY	1261	ATTGGCTCTGATTCTGGTCCAAAGGAAGCGCTAACTTCCAAACTGGAACATATAAGATTT	1320
CC	the cell expressing PRO725, PRO700 or PRO739 polypeptide. The	Db	1261	ATTGGCTCTGATTCTGGTCCAAAGGAAGCGCTAACTTCCAAACTGGAACATATAAGATTT	1320
CC	polypeptides are useful for inhibiting tumour growth, retinal disorders,	QY	1321	AAATATCTCGGTTCACCTGCAGTTCATCATGGATCTGTGATCTGGAAACAGGATAGAGA	1380
CC	sports-related joint problems, articular cartilage defects,	Db	1321	AAATATCTCGGTTCACCTGCAGTTCATCATGGATCTGTGATCTGGAAACAGGATAGAGA	1380
CC	osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in	QY	1381	AGATGATTTTCACTGGATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT	1440
CC	mammals. The present sequence encodes a PRO protein.	Db	1381	AGATGATTTTCACTGGATCTGCTGATCGAGATATGCTATTGGCTTCTATATGGCAGT	1440
CC		QY	1441	TCCGCGCTTGGCAGGTCAAGAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT	1500
CC		Db	1441	TCCGCGCTTGGCAGGTCAAGAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT	1500
CC		QY	1501	GCAACCCCAAGCACTTCTGTTTGTCTTTTGTATACCGGCTGGCGGAGACAAAGTCGG	1560
CC		Db	1501	GCAACCCCAAGCACTTCTGTTTGTCTTTTGTATACCGGCTGGCGGAGACAAAGTCGG	1560
CC		QY	1561	GAAACTTCGAGTGTGTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAACCCACGAG	1620
CC		Db	1561	GAAACTTCGAGTGTGTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAACCCACGAG	1620

QY 1621 TGAGGATGAAAGTGAAGAGACAGGAAATTCAGTTGTATCAAGAACTGATGCTACCAA 1680  
DB 1621 TGAGGATGAAAGTGAAGAGACAGGAAATTCAGTTGTATCAAGAACTGATGCTACCAA 1680  
QY 1681 AAGCATCATTTTGAAGCAGAACGTTGGCAGGGGCAAAACCGGCGAATCCAGTGGATGG 1740  
DB 1681 AAGCATCATTTTGAAGCAGAACGTTGGCAGGGGCAAAACCGGCGAATCCAGTGGATGG 1740  
QY 1741 CGTCTGTGCTTGTTCAGGCTTATGTCAGATAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1800  
DB 1741 CGTCTGTGCTTGTTCAGGCTTATGTCAGATAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1800  
QY 1801 ACTACTTTATATTTGACCTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATAG 1860  
DB 1801 ACTACTTTATATTTGACCTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATAG 1860  
QY 1861 GACCTCTGCAATTTAGCAATTAAGTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
DB 1861 GACCTCTGCAATTTAGCAATTAAGTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
DB 1921 TGTAAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCAATTTCTGAAATCTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTTCTCAGTCAATTTCTGAAATCTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATANGTGTATGCTTCTCTACAA 2100  
DB 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATANGTGTATGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAATAGAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160  
DB 2101 CATTTCTAGAAATAGAAAAGACACAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160  
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACTGGTCTT 2220  
DB 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACTGGTCTT 2220  
QY 2221 TCATAGCCAACTGTGATATTTAAATCTTTTGAATAATAA 2260  
DB 2221 TCATAGCCAACTGTGATATTTAAATCTTTTGAATAATAA 2260

## RESULT 33

AD48452  
ID ADE48452 standard; cDNA; 2260 BP.

XX AC ADE48452;

XX DT 29-JAN-2004 (first entry)

XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.

XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;  
KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;  
KW auditory; tumor growth; retinal disorder;  
KW sports-related joint problem; articular cartilage defects;  
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.

XX OS Homo sapiens.

XX PN US2003104536-A1.

XX PD 05-JUN-2003.

XX PF 19-OCT-2001; 2001US-00166709.

XX PR 07-OCT-1998; 98WO-US021141.

XX PR 20-NOV-1998; 98WO-US024855.

XX PR 05-JAN-1999; 99WO-US000106.

PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 02-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 16-DEC-1999; 99WO-US028565.  
PR 30-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019892.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX

(GETH ) GENENTECH INC.

Ashtenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,  
Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
Stewart TA, Tumas D, Williams PM, Wood WI;

WPI: 2004-008994/01.

P-PSDB; ADE48453.

New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or PRO337, useful in molecular biology, chromosome and gene mapping, in generating antisense RNA and DNA, and in gene therapy.

Claim 2; SEQ ID NO 118; 460pp; English.

The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimaeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide. PRO337 polypeptide is useful for detecting PRO337. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,

CC	PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO725;
CC	PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO1559 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence encodes a PRO protein.
XX	
SQ	Sequence 2260 BP; 659 A; 458 C; 568 G; 568 T; 0 U; 7 Other;
	Query Match            99.7%; Score 2253; DB 10; Length 2260;
	Best Local Similarity 100.0%; Pred. No. 0;
	Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	1 CGGACCGCTGGGTGCAGTGGAGCGGAGACCAGAGCGGCTGAGAGAGGAGCGCGG 60
DB	1 CGGACCGTGGGTGCAGTGGAGCGGAGGCCCGAGCGCTGAGGAGAGGAGCGCGG 60
QY	61 GCTTAGCTGCTACGGGGTCGCGCGCGGCCCTCCGAGGGGGGCTCAGAGGAGGAAGA 120
DB	61 GCTTAGCTGCTACGGGGTCGCGCGCGGCCCTCCCGAGGGGGCTCAGAGGAGGAAGA 120
QY	121 GGACCCGTCGAGAAATGCTCTGCGCCTCGAGCCTTGCGCTCCCGCTGCTCTCTCTGG 180
DB	121 GGACCCGTCGAGAAATGCTCTGCGCCTCGAGCCTTGCGCTCCCGCTGCTCTCTCTGG 180
QY	181 TGCGAGTGGTTTCGGGAAACGGCGCACTGCAAGGCATCACGGTGTGTAGCATCGGCAC 240
DB	181 TGCGAGTGGTTTCGGGAAACGGCGCACTGCAAGGCATCACGGTGTGTAGCATCGGCAC 240
QY	241 GTGAGCTCGGGTCTGTCACTATTGAACTAAACTGSGCTGCTGCTACGGCTGAGAGAA 300
DB	241 GTGAGCTCGGGTCTGTCACTATTGAACTAAACTGSGCTGCTGCTACGGCTGAGAGAA 300
QY	301 ACAGCAAGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTGTGAGTCGCTGG 360
DB	301 ACAGCAAGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTGTGAGTCGCTGG 360
QY	361 GACCAACAATAATGCAGATGCTTTCCAGATACACGGGGAAAACCTGCAGTCAAGATGTA 420
DB	361 GACCAACAATAATGCAGATGCTTTCCAGATACACGGGGAAAACCTGCAGTCAAGATGTA 420
QY	421 ATGAGTGTGGAAATGAACCCCGGCCCATGCCAACACAGATGTGTGAATPACACCGGAAGCT 480
DB	421 ATGAGTGTGGAAATGAACCCCGGCCCATGCCAACACAGATGTGTGAATPACACCGGAAGCT 480
QY	481 ACAAGTGCTTTTGCTCAGTGGCAGATGCTCATGCCCAGATGCTGCTGTGTGAATCTTA 540
DB	481 ACAAGTGCTTTTGCTCAGTGGCAGATGCTCATGCCCAGATGCTGCTGTGTGAATCTTA 540
QY	541 GGCATGTGCCATGATAAATCTGCAGTACAGCTGTGAAGACACAGAGAGAGGCCACAGT 600
DB	541 GGCATGTGCCATGATAAATCTGCAGTACAGCTGTGAAGACACAGAGAGAGGCCACAGT 600
QY	601 GCCTGTGTCATCTCAGGACTCCGCGCTGGCCCCAATGGAAGAGATGTCTTAGATATTG 660
DB	601 GCCTGTGTCATCTCAGGACTCCGCGCTGGCCCCAATGGAAGAGATGTCTTAGATATTG 660
QY	661 ATGAATGTGCTCTGTAAGTCACTGTGTCCTCAATTCGAAGATGTGTCAAACACATTTG 720
DB	661 ATGAATGTGCTCTGTAAGTCACTGTGTCCTCAATTCGAAGATGTGTCAAACACATTTG 720
QY	721 GAAGCTACTAGCAAAATGTCAATTTGGTTTCGAATATATATATATATATATATATATAT 780

Db 1801 ACTATCTTTATATTGACCTTTGTAATGTCAGTTCCCTGGTTTTTTTGTATATTGCAATCATAG 1860  
QY 1861 GACCTCTGCATTTAGATTACTAGCTGCAAAAATGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGCATTTAGATTACTAGCTGCAAAAATGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAGATGCCCTTCTTGTAAGATATGCCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAGATGCCCTTCTTGTAAGATATGCCCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 AUCTTCTAGTCAATTTCTGAACTTTCNCATATATTAATAATNGGAANGTCAGTT 2040  
Db 1981 AUCTTCTAGTCAATTTCTGAACTTTCNCATATATTAATAATNGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTCATGCTTCTCTCTACAA 2100  
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTCATGCTTCTCTCTACAA 2100  
QY 2101 CATTCTAGAAATAGAAAAAAGCAGAGAAATGTTAACGTTTGGACTCTTATGAT 2160  
Db 2101 CATTCTAGAAATAGAAAAAAGCAGAGAAATGTTAACGTTTGGACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGCTTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGCTTT 2220  
QY 2221 TCATAGCCAACTTGATATTTAAATCTTTGTAATAATAA 2260  
Db 2221 TCATAGCCAACTTGATATTTAAATCTTTGTAATAATAA 2260  
RESULT 34  
ADE89553  
ID ADE89553 standard; cDNA; 2260 BP.  
XX AC ADE89553;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human cDNA encoding secreted/transmembrane protein, PRO320.  
XX KW Human; ss; gene; secreted protein; transmembrane protein; PRO;  
KW cytosolic; ophthalmological; antiarthritic; osteopathic; antirheumatic;  
KW vulnary; auditory; tumour growth; retinal disorder;  
KW sports-related joint problem; articular cartilage defects;  
KW osteoarthritis; rheumatoid arthritis; wound healing; hearing loss.  
XX OS Homo sapiens.  
XX FN US2003130181-A1.  
XX PD 10-JUL-2003.  
XX PF 16-OCT-2001; 2001US-00978375.  
XX PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082569P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 28-APR-1998; 98US-0083392P.  
PR 23-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 23-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 03-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-0090863P.

PR 26-JUN-1998; 98US-0091010P.  
 PR 01-JUL-1998; 98US-0091359P.  
 PR 30-JUL-1998; 98US-0094651P.  
 PR 11-SEP-1998; 98US-0100038P.  
 PR 07-OCT-1998; 98US-0021141.  
 PR 20-NOV-1998; 98US-0109304P.  
 PR 22-DEC-1998; 98US-0024855.  
 PR 22-DEC-1998; 98US-0113296P.  
 PR 23-DEC-1998; 98US-0113621P.  
 PR 05-JAN-1999; 99US-00000106.  
 PR 08-MAR-1999; 99US-00005028.  
 PR 10-MAR-1999; 99US-00005190.  
 PR 12-MAR-1999; 99US-0123957P.  
 PR 21-APR-1999; 99US-0126773P.  
 PR 21-APR-1999; 99US-0130232P.  
 PR 26-APR-1999; 99US-0131022P.  
 PR 28-APR-1999; 99US-0131445P.  
 PR 14-MAY-1999; 99US-0134287P.  
 PR 14-MAY-1999; 99US-0010773.  
 PR 02-JUN-1999; 99US-0012252.  
 PR 16-JUN-1999; 99US-0139557P.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 07-JUL-1999; 99US-0142680P.  
 PR 26-JUL-1999; 99US-0145698P.  
 PR 28-JUL-1999; 99US-0146222P.  
 PR 29-OCT-1999; 99US-0162506P.  
 PR 30-NOV-1999; 99US-0028313.  
 PR 02-DEC-1999; 99US-0028551.  
 PR 02-DEC-1999; 99US-0028565.  
 PR 16-DEC-1999; 99US-0030095.  
 PR 30-DEC-1999; 99US-0031243.  
 PR 30-DEC-1999; 99US-0031274.  
 PR 05-JAN-2000; 2000US-000219.  
 PR 06-JAN-2000; 2000US-000277.  
 PR 06-JAN-2000; 2000US-000376.  
 PR 11-FEB-2000; 2000US-0003565.  
 PR 18-FEB-2000; 2000US-0004341.  
 PR 24-FEB-2000; 2000US-0005004.  
 PR 02-MAR-2000; 2000US-0005841.  
 PR 10-MAR-2000; 2000US-0006319.  
 PR 21-MAR-2000; 2000US-0007532.  
 PR 30-MAR-2000; 2000US-0008439.  
 PR 17-MAY-2000; 2000US-0013705.  
 PR 22-MAY-2000; 2000US-0014042.  
 PR 30-MAY-2000; 2000US-0014941.  
 PR 02-JUN-2000; 2000US-0015264.  
 PR 28-JUL-2000; 2000US-0020710.  
 PR 24-AUG-2000; 2000US-0023328.  
 PR 01-DEC-2000; 2000US-0032678.  
 PR 20-DEC-2000; 2000US-0034956.  
 PR 28-FEB-2001; 2001US-0006520.  
 PR 22-MAR-2001; 2001US-0009552.  
 PR 25-MAY-2001; 2001US-0017092.  
 PR 01-JUN-2001; 2001US-0017800.  
 PR 20-JUN-2001; 2001US-0019692.  
 PR 29-JUN-2001; 2001US-0021066.  
 PR 09-JUL-2001; 2001US-0021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (ASHK/) ASHKENAZI A J.  
 PA (BAKE/) BAKER K P.  
 PA (BOTS/) BOTSTEIN D.  
 PA (DESN/) DESNOYERS L.  
 PA (BATO/) BATON D L.  
 PA (FERB/) FERRARA N.  
 PA (FILV/) FILVAROFF E.  
 PA (FONG/) FONG S.  
 PA (GAOW/) GAO W.  
 PA (GERB/) GERBER H.  
 PA (GERR/) GERRITSEN M E.  
 PA (GODD/) GODDARD A.  
 PA (GODO/) GODOWSKI P J.  
 PA (GIRM/) GIRWALDI J C.

PA (GURN/) GURNEY A L.  
 PA (HILL/) HILLAN K J.  
 PA (KLJF/) KLJAVIN I J.  
 PA (KUOS/) KUO S S.  
 PA (NAPI/) NAPIER M A.  
 PA (PANJ/) PAN J.  
 PA (PAON/) PAONI N F.  
 PA (ROYM/) ROY M A.  
 PA (SHEL/) SHELTON D L.  
 PA (STEW/) STEWART T A.  
 PA (TUNA/) TUNAS D.  
 PA (WILL/) WILLIAMS P M.  
 PA (WOOD/) WOOD W I.  
 XX

Query Match 99.7%; Score 2253; DB 10; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
 DB 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
 QY 61 GCTTAGCTGTACCGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120  
 DB 61 GCTTAGCTGTACCGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGGAGGAGGA 120  
 QY 121 GGACCCGTGCGAGAAATGCTTCCCTTGGAGCCTTGGCTCCCGCTGCTCTCTCTGG 180  
 DB 121 GGACCCGTGCGAGAAATGCTTCCCTTGGAGCCTTGGCTCCCGCTGCTCTCTCTGG 180  
 QY 181 TGGCAGGTGGTTTCGGGNAACGGGCCAGTGCAGGCGATCACGGGTTGTTAGCATCGGCAC 240  
 DB 181 TGGCAGGTGGTTTCGGGNAACGGGCCAGTGCAGGCGATCACGGGTTGTTAGCATCGGCAC 240  
 QY 241 GTGACCTCTGGGCTGTGCTACATATGAAACTAACTGGCTCTCTCTAGCTGCTGAGAGAA 300  
 DB 241 GTGACCTCTGGGCTGTGCTACATATGAAACTAACTGGCTCTCTCTAGCTGCTGAGAGAA 300  
 QY 301 ACAGCAAGGAGTCTGTGAGAGTACATGCGAATCGGATGTAAGTTTGGTGGTGGTGG 360  
 DB 301 ACAGCAAGGAGTCTGTGAGAGTACATGCGAATCGGATGTAAGTTTGGTGGTGGTGG 360  
 QY 361 GACCAACAAATGCGAGATGCTTTCAGGAGATACACCGGGAAACCTGCAATCAAGTGTGA 420  
 DB 361 GACCAACAAATGCGAGATGCTTTCAGGAGATACACCGGGAAACCTGCAATCAAGTGTGA 420  
 QY 421 ATGAGTGTGGAATGAAACCCCGGCGATGCCACACAGATGCTGGAATACACCGGAGCT 480  
 DB 421 ATGAGTGTGGAATGAAACCCCGGCGATGCCACACAGATGCTGGAATACACCGGAGCT 480  
 QY 481 ACAAGTGTGCTTGTGCTCAGTGGCCACATGCTCTATGCCAGATGCTTGTGTGAATCTTA 540  
 DB 481 ACAAGTGTGCTTGTGCTCAGTGGCCACATGCTCTATGCCAGATGCTTGTGTGAATCTTA 540  
 QY 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCACAGT 600  
 DB 541 GGACATGTGCCATGATAAATGTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCACAGT 600  
 QY 601 GCCTGTGTCCATCTCTCAGGAGTCCCGCTGGCGCCAAATGGAAGAGACTGTCTAGATATTG 660  
 DB 601 GCCTGTGTCCATCTCTCAGGAGTCCCGCTGGCGCCAAATGGAAGAGACTGTCTAGATATTG 660  
 QY 661 ATGAATGTGCTCTGGTAAAGTCAATGTCCTCAATCGAAGATGTCGTAACACATTTG 720  
 DB 661 ATGAATGTGCTCTGGTAAAGTCAATGTCCTCAATCGAAGATGTCGTAACACATTTG 720  
 QY 721 GAAGCTACTCTGCAAAATGTCACATTTGTTTCGAACCTGCAATATATCAGTGGACGATG 780  
 DB 721 GAAGCTACTCTGCAAAATGTCACATTTGTTTCGAACCTGCAATATATCAGTGGACGATG 780  
 QY 781 ACTGTATAGATATAAATGAATGTACTATGATAGTACCCATACGTGAGCCACCATCCCAATT 840

Db 781 ACTGTATAGATATAAATGAATGTACTATGGATAGCCATACGTGACGCCACCATGCCAATT 840  
Qy 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900  
Db 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGAGAGAGTCTCAGAGCACCTGTACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGAGAGAGTCTCAGAGCACCTGTACCA 960  
Qy 961 TCAAGACAGAAATCAAGAGTTGCTTGTCTACAAAAACAGCATCAAAAAAGAGGCCAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAGTTGCTTGTCTACAAAAACAGCATCAAAAAAGAGGCCAAAA 1020  
Qy 1021 TTAATAATTTACCCAGAAACCCACAGAGCTCTTCCCTTAAGCTGAACTTCAGGCCCT 1080  
Db 1021 TTAATAATTTACCCAGAAACCCACAGAGCTCTTCCCTTAAGCTGAACTTCAGGCCCT 1080  
Qy 1081 TCAACTATCAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATCAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAAGAATGA 1200  
Qy 1201 CATAGAGGAGCAAGCCTCGCAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGCTGA 1260  
Db 1201 CATAGAGGAGCAAGCCTCGCAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGCTGA 1260  
Qy 1261 ATTGGCCTGATCTGGTCCAAAGGAAGCGCTAATCTTCCAAATCGGAACATAAAGATTT 1320  
Db 1261 ATTGGCCTGATCTGGTCCAAAGGAAGCGCTAATCTTCCAAATCGGAACATAAAGATTT 1320  
Qy 1321 AATATCTCGGTGACTGAGCTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380  
Db 1321 AATATCTCGGTGACTGAGCTCAATCATCGGATCTGTGACTGGAACAGGATAGAGA 1380  
Qy 1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATATGCTATGTCCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATATGCTATGTCCTTCTATATGGCAGT 1440  
Qy 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTCGCGATTGAACTTCTTCTACCTGACCT 1500  
Db 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTCGCGATTGAACTTCTTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTGATTAACGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTTCTGATTAACGGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAACTTCGAGTGTGTTGAAAAACAGTAACATGCTGCTGCGATGGGAGAGACCCAGAG 1620  
Db 1561 GAACTTCGAGTGTGTTGAAAAACAGTAACATGCTGCTGCGATGGGAGAGACCCAGAG 1620  
Qy 1621 TGAGATGAAAAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAACCTGATGTACCAA 1680  
Db 1621 TGAGATGAAAAGTGAAGACAGGGGAAATTCAGTTGTATCAAGGAACCTGATGTACCAA 1680  
Qy 1681 AAGCATCATTTTGAAGCAGAACTGGCAGGCAAAACCGGGAATTCGAGTGGATCGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGAACTGGCAGGCAAAACCGGGAATTCGAGTGGATCGG 1740  
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800  
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800  
Qy 1801 ACTATCTTTATATTGATCTTGTATGTCAGTTCCTGCTGTTTTCATATTCATCATAG 1860  
Db 1801 ACTATCTTTATATTGATCTTGTATGTCAGTTCCTGCTGTTTTCATATTCATCATAG 1860  
Qy 1861 GACCTCTGGCAATTTTAGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGCAATTTTAGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920

Qy 1921 TGTAAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAGATGCTTCTTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAANTTGGAAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAANTTGGAAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAAATAGAAAAAAGCAGACAGAGAAATGTTTAACTGTTTGACCTTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAGCAGACAGAGAAATGTTTAACTGTTTGACCTTTATGAT 2160  
Qy 2161 ACTTCTTGGAAAATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTCTT 2220  
Db 2161 ACTTCTTGGAAAATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGCTCTT 2220  
Qy 2221 TCATAGCCAAACTTGTATATTTAATCTTTGTAAATAA 2260  
Db 2221 TCATAGCCAAACTTGTATATTTAATCTTTGTAAATAA 2260

RESULT 35  
ABT07743  
ID ABT07743 standard; DNA; 2398 BP.

AC ABT07743;  
XX  
XX DT 14-NOV-2002 (first entry)  
XX Breast cancer-associated gene sequence 51.  
XX Gene; db; breast cancer; breast cancer-associated gene sequence;  
XX drug development; pharmacogenetics; biosensor development.

Unidentified.

WO200259377-A2.

01-AUG-2002.

24-JAN-2002; 2002WO-US002242.

24-JAN-2001; 2001US-0263965P.

02-FEB-2001; 2001US-0265928P.

09-APR-2001; 2001US-00829472.

09-APR-2001; 2001US-0282698P.

04-MAY-2001; 2001US-0288590P.

29-MAY-2001; 2001US-0294443P.

(SOSB-) EOS BIOTECHNOLOGY INC.

Mack DH, Gish KC, Afar D;

WPI; 2002-583738/62.

N-PSDB; ABJ05586.

Detecting a breast cancer-associated transcript in a patient's cell,  
useful for diagnosing breast cancer, comprises contacting a biological  
sample with a polynucleotide that selectively hybridizes with breast  
cancer nucleic acids.

Claim 9; Page 393; 414pp; English.

The invention comprises a method of detecting a breast cancer-associated  
transcript in a cell from a patient. The method of the invention involves  
contacting a biological sample from the patient with a nucleotide that  
hybridizes to one of the 69 breast cancer-associated gene sequences shown  
in the specification. The method of the invention is useful in the



CC diagnosis or prognosis of breast cancer, and for detecting genes that are  
CC up or down-regulated in breast cancer cells. Genes identified by the  
CC method of the invention can be used in diagnostic purposes and also as  
CC targets for screening for therapeutic compounds that modulate breast  
CC cancer (e.g. hormones or antibodies). Identification of genes that are  
CC over or under expressed in breast cancer can additionally provide high-  
CC resolution, high-sensitivity datasets which can be used in the areas of  
CC diagnostics, therapeutics, drug development, pharmacogenetics, protein  
CC structure and biosensor development. DNA sequences ABT07693 - ABT07761  
CC represent the 69 breast cancer-associated gene sequences of the invention  
XX  
SQ Sequence 2398 BP; 705 A; 514 C; 597 G; 582 T; 0 U; 0 Other;  
SQ

848	Qy	TACC	CAAGGGTCC	TTCAAGTGTAAATGCACGACGGGTATATAAGGCAATGGACTTCGGTG	907
954	Db	TACCC	CAAGGGTCC	TTCAAGTGTAAATGCACGACGGGTATATAAGGCAATGGACTTCGGTG	1013
908	Qy	TTCTG	TATCCCTG	AAATTTCTGTGAAGAGTCCCTCAGAGCACCTTGTAACCATCAAGA	967
1014	Db	TTCTG	TATCCCTG	AAATTTCTGTGAAGAGTCCCTCAGAGCACCTTGTAACCATCAAGA	1073
968	Qy	CAGAAT	CAAGAAGTTG	CTCTCACHAAACACGATGAAAAGAGGCAAAAATTAATAA	1027
1074	Db	CAGAAT	CAAGAAGTTG	CTCTCACHAAACACGATGAAAAGAGGCAAAAATTAATAA	1133
1028	Qy	TGTTAC	CCAGAACCC	ACAGGACTTCCACCCCTAAGGTGAACTTCGACGCCCTTCAACTA	1087
1134	Db	TGTTAC	CCAGAACCC	ACAGGACTTCCACCCCTAAGGTGAACTTCGACGCCCTTCAACTA	1193
1088	Qy	TGAAG	AGATAGT	TTCCAGAGCGGGAACTCTCATGAGGTTAAAAAGGNAATGAAGAG-A	1146
1194	Db	TGAAG	AGATAGT	TTCCAGAGCGGGAACTCTCATGAGGTTAAAAAGGNAATGAAGAGAA	1253
1147	Qy	AATGA	AGAGGGCT	TGAGGATGCAAAAGAGAGAGAAAGCCCTGAAGAATGACATAGA	1206
1254	Db	AATGA	AGAGGGCT	TGAGGATGCAAAAGAGAGAGAAAGCCCTGAAGAATGACATAGA	1313
1207	Qy	GGAGC	GAAGCCT	CGCAGGAGATGTGTTTTCCCTAAGGTGAAATGAAGCAGGTGAAATTCGG	1266
1314	Db	GGAGC	GAAGCCT	CGCAGGAGATGTGTTTTCCCTAAGGTGAAATGAAGCAGGTGAAATTCGG	1373
1267	Qy	CCTGAT	TCGTGTC	CAAGGAAGCCCTAACTCCAAACTCGNAACATATAAGATTTAAATAT	1326
1374	Db	CCTGAT	TCGTGTC	CAAGGAAGCCCTAACTCCAAACTCGNAACATATAAGATTTAAATAT	1433
1327	Qy	CTCGG	TGACTG	CAGCTTCAATCATGCGATCTGTGACTGGAACAGGATAGAGAATGA	1386
1434	Db	CTCGG	TGACTG	CAGCTTCAATCATGCGATCTGTGACTGGAACAGGATAGAGAATGA	1493
1387	Qy	TTTTGA	CTGGAATC	CTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCGGC	1446
1494	Db	TTTTGA	CTGGAATC	CTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCGGC	1553
1447	Qy	CTTGG	CAGGTCA	CAAGAAAGACATTTGGCCGATTTGAAACTTCTCCTACCTGACCTGCAACC	1506
1554	Db	CTTGG	CAGGTCA	CAAGAAAGACATTTGGCCGATTTGAAACTTCTCCTACCTGACCTGCAACC	1613
1507	Qy	CCAAAG	CAAATCT	GTGTTGCTCTTTGATTAACCGCTGGCCGGAGACAAAGTCGGGAAACT	1566
1614	Db	CCAAAG	CAAATCT	GTGTTGCTCTTTGATTAACCGCTGGCCGGAGACAAAGTCGGGAAACT	1673
1567	Qy	TCGAGT	CTTTGTG	AAAAACAGTAACATGCCCTGCGAGAGAGACACAGAGTGAGGA	1626
1674	Db	TCGAGT	CTTTGTG	AAAAACAGTAACATGCCCTGCGAGAGAGACACAGAGTGAGGA	1733
1627	Qy	TGAAA	GTGTTGA	AAACAGTAACATGCCCTGCGAGAGAGACACAGAGTGAGGA	1686
1734	Db	TGAAA	GTGTTGA	AAACAGTAACATGCCCTGCGAGAGAGACACAGAGTGAGGA	1793
1687	Qy	CATTTT	GAAGCAG	ACCTGGCAAGGGCAAAACCCGGGAAATCCGACGTGGAATGCGCTT	1746
1794	Db	CATTTT	GAAGCAG	ACCTGGCAAGGGCAAAACCCGGGAAATCCGACGTGGAATGCGCTT	1853
1747	Qy	GCTGTT	TCAGGCTT	ATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTTACTATC	1806
1854	Db	GCTGTT	TCAGGCTT	ATGTCAGATAGCTTTTATCTGTGGATGACTGAATGTTACTATC	1913
1807	Qy	TTTTAT	ATTGATG	ATGTCAGTTCCCTGGTTTTTTTGATATGCAATCATAGGACCTC	1866
1914	Db	TTTTAT	ATTGATG	ATGTCAGTTCCCTGGTTTTTTTGATATGCAATCATAGGACCTC	1973
1867	Qy	TGCGAT	TTTTGAA	TTACTAGCTGAAAAATTTGAATGTACCAACAGAAATATTATTGTAAG	1926
1974	Db	TGCGAT	TTTTGAA	TTACTAGCTGAAAAATTTGAATGTACCAACAGAAATATTATTGTAAG	2033
1927	Qy	ATGCC	TTTTCTT	GTATAGATATGCCAATNTTTCGCTTTAAATATCATATCATCTGATCTTC	1986



Db 2034 ATGCCCTTTCTGTTATGATATGCAATATTTGCTTTAAATATCATATCACTGATCTTC 2093  
Qy 1987 TCAGTCATTTCTGATCTTTCCNCATTATATATAAAATNTGGAANGTCAGTTTATCTC 2046  
Db 2094 TCAGTCATTTCTGATCTTTCCACATTATATATAAAATATGGAATGTGAGTTTATCTC 2153  
Qy 2047 CCCTCTCTGATATCTGATTTGTATANGTANGTGTCTCTCTACACATTTTC 2106  
Db 2154 CCCTCTCTGATATATCTGATTTGTATAGTAAAGTTGATGAGCTTCTCTACACATTTTC 2213  
Qy 2107 TAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGATCTTCT 2166  
Db 2214 TAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGATCTTCT 2273  
Qy 2167 TCGAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGCTTTTCATAG 2226  
Db 2274 TCGAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGCTTTTCATAG 2333  
Qy 2227 CCAAACTCTGATATTTT-AAATCTTTGTAATAATAA 2260  
Db 2334 CCAAACTCTGATATTTTAAATCTTTGTAATAATAA 2368

RESULT 36  
ACC51050  
ID ACC51050 standard; cdna; 2398 BP.  
XX ACC51050;  
XX  
DT 12-JUN-2003 (first entry)  
XX  
DE Human bladder cancer associated cDNA sequence SEQ ID NO:188.  
XX  
KW Human; bladder cancer; cytostatic; gene therapy; vaccine; gene; ss.  
XX  
OS Homo sapiens.  
XX  
XX W0200303906-A2.  
XX  
XX 16-JAN-2003.  
XX  
XX 03-JUL-2002; 2002WO-US021338.  
XX  
XX 03-JUL-2001; 2001US-0302814P.  
PR 03-AUG-2001; 2001US-0310099P.  
PR 08-NOV-2001; 2001US-0343705P.  
PR 13-NOV-2001; 2001US-0350666P.  
PR 12-APR-2002; 2002US-0372246P.  
XX  
XX (E0SB-) ECS BIOTECHNOLOGY INC.  
XX  
XX Mack DH, Aziz N;  
XX  
XX WPI; 2003-201532/19.  
XX  
XX P-PSDB; ABR48234.  
XX

PT Detecting a bladder cancer-associated transcript in a cell from a  
PT patient, comprises contacting a biological sample from the patient with a  
PT bladder cancer-associated polynucleotide or antibody.  
XX  
XX Claim 6; Page 294; 307pp; English.  
XX  
XX The present invention describes a method for detecting a bladder cancer-  
XX associated transcript in a cell from a patient. The method comprises  
XX contacting a biological sample from the patient with a polynucleotide  
XX that selectively hybridizes to a sequence that is 80% identical to a  
XX table of sequences (see ACC50951 to ACC51059). ACC50951 to ACC51059  
XX encode the human bladder cancer-associated proteins given in ABR48146 to  
XX ABR48242). Bladder cancer-associated sequences from the present invention  
XX have cytostatic activities, and can be used in antisense gene therapy and  
XX in vaccine production. The method can be used for detecting a bladder  
XX cancer-associated transcript in a cell from a patient. The method is

CC useful in diagnosing or treating bladder cancer and in screening for  
CC compounds that modulate bladder cancer, such as hormones or antibodies.  
CC The nucleic acid molecules from the present invention may be used in  
CC various screening and diagnostic methods, and for gene therapy, vaccine  
CC and/or antisense/inhibition applications  
XX  
SQ Sequence 2398 BP; 705 A; 514 C; 597 G; 582 T; 0 U; 0 Other;  
Query Match 98.2%; Score 2219.2; DB 7; Length 2398;  
Best Local Similarity 99.5%; Pred. No. 0;  
Matches 2243; Conservative 0; Mismatches 10; Indels 2; Gaps 2;  
Qy 8 GTGGGTGCGAGTGGAGCGAGGAGCCCGAGCGGCTGAGGAGAGAGGGCGGGCTTAC 67  
Db 114 GTAACTCGAGTGGAGCGAGGAGCCCGAGCGGCTGAGGAGAGAGGGCGGGCTTAC 173  
Qy 68 TGCTACGGGGTTCGGCGCGCGCCCTCCCGAGGGGGCTCAGAGAGAGAGAGAGAGCCCG 127  
Db 174 TGCTACGGGGTTCGGCGCGCGCCCTCCCGAGGGGGCTCAGAGAGAGAGAGAGAGCCCG 233  
Qy 128 TGCAGAAATGCTCTGCGCTGGAGCCTTGGCTCCCGCTGCTGCTCTCTCTGGGTGCGAG 187  
Db 234 TGCAGAAATGCTCTGCGCTGGAGCCTTGGCTCCCGCTGCTGCTCTCTCTGGGTGCGAG 293  
Qy 188 TGGTTTCGGGAACCGCGCCAGTGCAGGCTACCGGCTTGTAGCATCGGCAGCTCAGCC 247  
Db 294 TGGTTTCGGGAACCGCGCCAGTGCAGGCTACCGGCTTGTAGCATCGGCAGCTCAGCC 353  
Qy 248 TGGGTCTGTCACTATGAACTAACTGGCTGCTGCTACGGCTGGAGAGAGAGAGAGCAA 307  
Db 354 TGGGTCTGTCACTATGAACTAACTGGCTGCTGCTACGGCTGGAGAGAGAGAGAGCAA 413  
Qy 308 GGGAGTCTGTCAAGCTACATCGGAACCTGGATGTAACTTTGGTGGTGGGACCAA 367  
Db 414 GGGAGTCTGTCAAGCTACATCGGAACCTGGATGTAACTTTGGTGGTGGGACCAA 473  
Qy 368 CAAATGCGAGATGCTTTCCAGGATACACCGGGAACCTGCGTCAAGATGTGAATGATG 427  
Db 474 CAAATGCGAGATGCTTTCCAGGATACACCGGGAACCTGCGTCAAGATGTGAATGATG 533  
Qy 428 TGGAAATGAACCCCGGCGCATGCCACACAGATGTGTAATACACACGGAAGCTACAGTG 487  
Db 534 TGGAAATGAACCCCGGCGCATGCCACACAGATGTGTAATACACACGGAAGCTACAGTG 593  
Qy 488 CTTTTCGCTCAGTGGCCACATGCTCATGCCAGATGCTACGCTGTGTAATCTTAGGACATG 547  
Db 594 CTTTTCGCTCAGTGGCCACATGCTCATGCCAGATGCTACGCTGTGTAATCTTAGGACATG 653  
Qy 548 TGCATGATAAATCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATG 607  
Db 654 TGCATGATAAATCTGTGATGATGATGATGATGATGATGATGATGATGATGATG 713  
Qy 608 TGCATCCTCAGGACTCCGCTCGGCGCCAAATGGAAGAGACTGTCTAGATTTGATGATG 667  
Db 714 TGCATCCTCAGGACTCCGCTCGGCGCCAAATGGAAGAGACTGTCTAGATTTGATGATG 773  
Qy 668 TGCTCTGTTAAAGTCACTCTGCTCAATCGAAGATGTGTAACACATTTTGAAGCTA 727  
Db 774 TGCTCTGTTAAAGTCACTCTGCTCAATCGAAGATGTGTAACACATTTTGAAGCTA 833  
Qy 728 CTACTGCAAAATGTCACATTTGGTTTGGAACTGCAATATATCATGCGAGATATGATCTGAT 787  
Db 834 CTACTGCAAAATGTCACATTTGGTTTGGAACTGCAATATATCATGCGAGATATGATCTGAT 893  
Qy 788 AGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 847  
Db 894 AGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 953  
Qy 848 TACCAAGGGTCTTTCAAGTGTAAATGCAAGCAGGGATATATAAGGCAATGAGCTTCGGTG 907  
Db 954 TACCAAGGGTCTTTCAAGTGTAAATGCAAGCAGGGATATATAAGGCAATGAGCTTCGGTG 1013  
Qy 908 TTCTGCTATCCCTGAAAATTTCTGTGAAGAGAGTCTCTCAGAGCACTGCTGATCAAGA 967

1014 TTTCTGCTATCCCTGAAAATTTCTGTGAAGAAAGTCTCTCAGAGCCTGTGATCCATCAAGA 1073  
968 CAGAAATCAAGAGTGTGCTGTCTCAAAAACAGCATCAAAAAGAGGCAAAAATTTAAAA 1027  
1074 CAGAAATCAAGAGTGTGCTGTCTCAAAAACAGCATCAAAAAGAGGCAAAAATTTAAAA 1133  
1028 TGTACCCAGAGCCAGACCCAGAGCTCTTACCCCTAAGGTGAATCTGAGCCCTTCAACTA 1087  
1134 TGTACCCAGAGCCAGACCCAGAGCTCTTACCCCTAAGGTGAATCTGAGCCCTTCAACTA 1193  
1088 TGAAGAGATAGTTTCCAGAGGCGGGAATCTCTCATGAGGTAAAAAAGGGGAATGAAGAG-A 1146  
1194 TGAAGAGATAGTTTCCAGAGGCGGGAATCTCTCATGAGGTAAAAAAGGGGAATGAAGAGAA 1253  
1147 AATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206  
1254 AATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1313  
1207 GGAGCGAAGCCCTGCGAGGAGATGTTTTCCTTAAAGGTGAATGAAGCAGGTGAATTCGG 1266  
1314 GGAGCGAAGCCCTGCGAGGAGATGTTTTCCTTAAAGGTGAATGAAGCAGGTGAATTCGG 1373  
1267 CTTGATTTCTGCTCAAAGGAAAGGCTTAATCTTCAAAGTGAATGAATGAATTAATAT 1326  
1374 CTTGATTTCTGCTCAAAGGAAAGGCTTAATCTTCAAAGTGAATGAATGAATTAATAT 1433  
1327 CTCGGTTGACTGACGCTTCAATCATGGGATCTGTGACTGGAAACAGATAGAGAGATGA 1386  
1434 CTCGGTTGACTGACGCTTCAATCATGGGATCTGTGACTGGAAACAGATAGAGAGATGA 1493  
1387 TTTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGGC 1446  
1494 TTTTGACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGGC 1553  
1447 CTTGCGAGTCAAGAAAGACATTTGGCGGATTTGAATCTTCTTACCTGACCTGCAACC 1506  
1554 CTTGCGAGTCAAGAAAGACATTTGGCGGATTTGAATCTTCTTACCTGACCTGCAACC 1613  
1507 CAAAAGCAACTTCTGTTGCTTTTGATTAACCGCTGCGCGAGACAAAGTTCGGGAACT 1566  
1614 CAAAAGCAACTTCTGTTGCTTTTGATTAACCGCTGCGCGAGACAAAGTTCGGGAACT 1673  
1567 TCGAGTGTGTTGAAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAG 1626  
1674 TCGAGTGTGTTGAAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAAACAG 1733  
1627 TGAAGAGTGAAGACAGAGGAAATTCAGTTGTATCAAGGAACTGATCTACCAAAAGCAT 1686  
1734 TGAAGAGTGAAGACAGAGGAAATTCAGTTGTATCAAGGAACTGATCTACCAAAAGCAT 1793  
1687 CATTTTGAAGCAGACGTTGGCAGGCGCAAAACCGGCGAAATCGCAGTGGATGGCTTT 1746  
1794 CATTTTGAAGCAGACGTTGGCAGGCGCAAAACCGGCGAAATCGCAGTGGATGGCTTT 1853  
1747 GCTTGTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGACTGAATGTTTACTATC 1806  
1854 GCTTGTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGACTGAATGTTTACTATC 1913  
1807 TTTATATTTGACTTTGATGACGTTCCCTGGTTTTTTTGTATTTGATTTGATCATAGGACCTC 1866  
1914 TTTATATTTGACTTTGATGACGTTCCCTGGTTTTTTTGTATTTGATTTGATCATAGGACCTC 1973  
1867 TGGCATTTTGAATTAAGTCTGAAAATTTGTAATGTACCAAGAAATATTTTGAAG 1926  
1974 TGGCATTTTGAATTAAGTCTGAAAATTTGTAATGTACCAAGAAATATTTTGAAG 2033  
1927 ATGCTTTCTGATTAAGATAGCAATATTTGCTTTTAAATATCATATCACTGATCTTC 1986  
2034 ATGCTTTCTGATTAAGATAGCAATATTTGCTTTTAAATATCATATCACTGATCTTC 2093  
1987 TCAGTCAATTTCTGAATCTTCCNCAATTTATTTATAAATNTGGAAGTCAAGTTTATCTC 2046

2094 TCAGTCATTTCTGAATCTTTCCACATTATATATATAAATATGGAATGTCAGTTTATCTC 2153  
2047 CCTCTCTCNGTATATCTGATTTGTATATANGTGTGATNGCTTCTCTACACATTTTC 2106  
2154 CCTCTCTCAGTATATCTGATTTGTATATAGTAAAGTGTGATGAGCTTCTCTACACATTTTC 2213  
2107 TAGAAAATAGAAAAAAGCAGAGAGAAATGTTTAACTGTTTGAATCTTTATGATATCTTCT 2166  
2214 TAGAAATAGAAAAAAGCAGAGAGAAATGTTTAACTGTTTGAATCTTTATGATATCTTCT 2273  
2167 TGGAAATATGACATCAAAAGATAGATTTTTCCTAAAGTGTGCTTGTAGCTGGTCTTTTCATAG 2226  
2274 TGGAAATATGACATCAAAAGATAGATTTTTCCTAAAGTGTGCTTGTAGCTGGTCTTTTCATAG 2333  
2227 CCAAACTTGTATATTTT-AAATCTTTGTAAATAA 2260  
2334 CCAAACTTGTATATTTAAATCTTTGTAAATAA 2368

RESULT 37  
ABX76454  
ID ABX76454 standard; DNA; 2398 BP.  
XX ABX76454;  
AC ABX76454;  
XX  
XX 02-APR-2003 (first entry)  
XX Lung cancer-associated polynucleotide #318.  
XX Lung cancer-associated polynucleotide; gene; ds; cytostatic; emphysema;  
XX antiinflammatory; antiasthmatic; non-small cell lung cancer; atelectasis;  
XX small cell lung cancer; benign lesion; precancerous lesion; bronchitis;  
XX chronic obstructive pulmonary disease; hypersensitivity pneumonitis;  
XX interstitial pulmonary fibrosis; fibrosis; asthma; bronchiectasis.  
XX  
XX Unidentified.  
XX  
XX WO200286443-A2.  
XX  
XX 31-OCT-2002.  
XX  
XX 18-APR-2002; 2002WO-US012476.  
XX  
XX 18-APR-2001; 2001US-0284770P.  
XX 10-MAY-2001; 2001US-0290492P.  
XX 09-NOV-2001; 2001US-0339245P.  
XX 13-NOV-2001; 2001US-0350666P.  
XX 29-NOV-2001; 2001US-0334370P.  
XX 12-APR-2002; 2002US-0372246P.  
XX (EOSB-) EOS BIOTECHNOLOGY INC.  
XX  
XX Aziz N, Murray R;  
XX  
XX WPI; 2003-093161/08.  
XX P-PSDB; ABUS6725.  
XX  
XX Detecting a lung cancer-associated transcript in a cell from a patient  
XX for treating lung cancer, by contacting a biological sample from the  
XX patient with a polynucleotide that exhibits increased or decreased  
XX expression in lung cancer.  
XX  
XX Claim 22; Page 434-435; 453pp; English.  
XX  
XX The invention relates to a method for detecting a lung cancer-associated  
XX transcript in a cell from a patient, comprising contacting a biological  
XX sample from the patient with a polynucleotide that selectively hybridizes  
XX to a sequence that is at least 80 % identical to a gene that exhibits  
XX increased or decreased expression in lung cancer samples. Lung cancer-  
XX associated polynucleotides and polypeptides are used for identifying a  
XX compound that modulates a lung cancer-associated polypeptide, for  
XX inhibiting proliferation of a lung cancer-associated cell to treat lung  
XX cancer in a patient and for treating a mammal having lung cancer by

administering a modulatory compound identified. The methods are useful for treating lung cancer, such as small cell lung cancer, non-small cell lung cancer or other benign or precancerous lesions, e.g. atelectasis, emphysema, bronchitis, chronic obstructive pulmonary disease, fibrosis, hypersensitivity pneumonitis, interstitial pulmonary fibrosis, asthma and bronchiectasis. The genes, polynucleotides and polypeptides are useful for diagnostic purposes and as targets for screening for therapeutic compounds that modulate lung cancer, such as antibodies. Sequences CC ABX76124-ABX76474 represent lung cancer-associated polynucleotides of the CC invention

XX  
SQ Sequence 2398 BP; 705 A; 514 C; 597 G; 582 T; 0 U; 0 Other;

Query Match 98.2%; Score 2219.2; DB 7; Length 2398;  
Best Local Similarity 99.5%; Pred. No. 0;  
Matches 2243; Conservative 0; Mismatches 10; Indels 2; Gaps 2;

QY 8 GTGGGTGCGAGTGGAGCGAGGACCGCGCGCTGAGGAGAGAGAGCGCGCTTAGC 67  
DB |||  
QY 114 GTAACGTGGAGTGGAGCGAGGACCGCGCGCTGAGGAGAGAGAGCGCGCTTAGC 173  
DB |||  
QY 68 TGCTACGGGGTCCGGCGCGCGCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGCCG 127  
DB |||  
QY 174 TGCTACGGGGTCCGGCGCGCGCTCCGAGGGGGCTCAGAGAGAGAGAGAGAGCCG 233  
DB |||  
QY 128 TGGGAGATGCTCTGCGCTGGAGCTTGGCGCTCCGCTGCTGCTCTCTCTGGTGGCAGG 187  
DB |||  
QY 234 TGGGAGATGCTCTGCGCTGGAGCTTGGCGCTCCGCTGCTGCTCTCTCTGGTGGCAGG 293  
DB |||  
QY 188 TGGTTTTCGGGAAACGCGCGCGAGTGCAGGCAATCACGGGTTGTTAGCATCGGCACGTACGCC 247  
DB |||  
QY 294 TGGTTTTCGGGAAACGCGCGCGAGTGCAGGCAATCACGGGTTGTTAGCATCGGCACGTACGCC 353  
DB |||  
QY 248 TGGGGTCTGCTCACTATGAGTAACTAACTGCGCTGCTACGGCTGGAGAGAGAGAGAGCA 307  
DB |||  
QY 354 TGGGGTCTGCTCACTATGAGTAACTAACTGCGCTGCTACGGCTGGAGAGAGAGAGAGCA 413  
DB |||  
QY 308 GGGAGTCTGTGAGTACATGCGAACTGGAATGTAAGTTTGGTGGTGGTGGGACCAAA 367  
DB |||  
QY 414 GGGAGTCTGTGAGTACATGCGAACTGGAATGTAAGTTTGGTGGTGGTGGGACCAAA 473  
DB |||  
QY 368 CAATGAGATGTTTCCAGGATACACCGGAAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 427  
DB |||  
QY 474 CAATGAGATGTTTCCAGGATACACCGGAAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 533  
DB |||  
QY 428 TGGAAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAAAGCTACAAGTG 487  
DB |||  
QY 534 TGGAAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAAAGCTACAAGTG 593  
DB |||  
QY 488 CTTTGTGCTCAGTGGGCGCATGCTCATGCGAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 547  
DB |||  
QY 594 CTTTGTGCTCAGTGGGCGCATGCTCATGCGAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 653  
DB |||  
QY 548 TGCCATGATAAATCTGCTCAGTACAGCTGTGAAGACACAGAGAGGGGCCACAGTGCCTGTG 607  
DB |||  
QY 654 TGCCATGATAAATCTGCTCAGTACAGCTGTGAAGACACAGAGAGGGGCCACAGTGCCTGTG 713  
DB |||  
QY 608 TCCATCTCAGGACTCGGCTGCGCCGCAATGGAAGAGACTGCTGATATGATGATGATG 667  
DB |||  
QY 714 TCCATCTCAGGACTCGGCTGCGCCGCAATGGAAGAGACTGCTGATATGATGATGATG 773  
DB |||  
QY 668 TGCCCTCTGTTAAAGTCAATCTGCTCCCTACCAATCGAAGATGTGTGAACACATTTGGAAGCTA 727  
DB |||  
QY 774 TGCCCTCTGTTAAAGTCAATCTGCTCCCTACCAATCGAAGATGTGTGAACACATTTGGAAGCTA 833  
DB |||  
QY 728 CTACTGCAAAATGTCATGTTGGTTTGGAACTGCAATATATCATGAGCAGATGATGAT 787  
DB |||  
QY 834 CTACTGCAAAATGTCATGTTGGTTTGGAACTGCAATATATCATGAGCAGATGATGAT 893  
DB |||  
QY 788 AGATATAAATGAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847  
DB |||  
QY 894 AGATATAAATGAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 953  
DB |||

QY 848 TACCCAGGGTCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAATCGGTG 907  
DB |||  
QY 954 TACCCAGGGTCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAATCGGTG 1013  
DB |||  
QY 908 TTCTGCTATCCCTGAAATTTCTGTAAGGAGTCTCTCAGAGCACCCTGATACCAAG 967  
DB |||  
QY 1014 TTCTGCTATCCCTGAAATTTCTGTAAGGAGTCTCTCAGAGCACCCTGATACCAAG 1073  
DB |||  
QY 968 CAGATCAAGAGTGTCTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAAAATTA 1027  
DB |||  
QY 1074 CAGATCAAGAGTGTCTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAAAATTA 1133  
DB |||  
QY 1028 TGTTATCCCCAGAACCCACAGGACTCTCTACCCCTAAGGTGAATTCGAGCGCTCACTA 1087  
DB |||  
QY 1134 TGTTATCCCCAGAACCCACAGGACTCTCTACCCCTAAGGTGAATTCGAGCGCTCACTA 1193  
DB |||  
QY 1088 TGAAGAGATAGTTTCCAGAGCGCGGAACTCTCATGGAGGTAAAAAAGGGAAATGAAG-A 1146  
DB |||  
QY 1194 TGAAGAGATAGTTTCCAGAGCGCGGAACTCTCATGGAGGTAAAAAAGGGAAATGAAGAA 1253  
DB |||  
QY 1147 AATGAAGAGGGGCTTGAAGATGAAAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1206  
DB |||  
QY 1254 AATGAAGAGGGGCTTGAAGATGAAAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1313  
DB |||  
QY 1207 GGAGCGAAAGCTCGCAGGAGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266  
DB |||  
QY 1314 GGAGCGAAAGCTCGCAGGAGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1373  
DB |||  
QY 1267 CTTGATTTCTGTTCCAAAGAAAGCGCTAACTTCCAAACTGGAACATTAAGATTAATAT 1326  
DB |||  
QY 1374 CTTGATTTCTGTTCCAAAGAAAGCGCTAACTTCCAAACTGGAACATTAAGATTAATAT 1433  
DB |||  
QY 1327 CTCGGTTGACTGTCAGCTTCAATCATGGATCTGTGATCTGGAACAGATAGAGAGATGA 1386  
DB |||  
QY 1434 CTCGGTTGACTGTCAGCTTCAATCATGGATCTGTGATCTGGAACAGATAGAGAGATGA 1493  
DB |||  
QY 1387 TTTTGAATGGAATCTGCTGATTCGAGATATGCTATTGGCTTTCTATATGGCAGTTCGGC 1446  
DB |||  
QY 1494 TTTTGAATGGAATCTGCTGATTCGAGATATGCTATTGGCTTTCTATATGGCAGTTCGGC 1553  
DB |||  
QY 1447 CTTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTTCTGCTGCTGCTGCTG 1506  
DB |||  
QY 1554 CTTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTTCTGCTGCTGCTGCTG 1613  
DB |||  
QY 1507 CCAAAGCAACTTCTGCTTCTTGTGATACCGGCTGGCGGAGACAAAGTCGGGAACT 1566  
DB |||  
QY 1614 CCAAAGCAACTTCTGCTTCTTGTGATTTACCGCTGGCGGAGACAAAGTCGGGAACT 1673  
DB |||  
QY 1567 TCGAGTGTGTTGAAAAACAGTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1626  
DB |||  
QY 1674 TCGAGTGTGTTGAAAAACAGTAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1733  
DB |||  
QY 1627 TGAAGAGTGAAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACCAAAAGCAT 1686  
DB |||  
QY 1734 TGAAGAGTGAAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACCAAAAGCAT 1793  
DB |||  
QY 1687 CATTTTGAAGCAGAACCTGTGCAAGGGCAAAACCGCGGAAATTCAGTGGATGCGCTCTT 1746  
DB |||  
QY 1794 CATTTTGAAGCAGAACCTGTGCAAGGGCAAAACCGCGGAAATTCAGTGGATGCGCTCTT 1853  
DB |||  
QY 1747 GCTTGTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGATGATGATGATGATGATGAT 1806  
DB |||  
QY 1854 GCTTGTTCAGGCTTATGTCCAGATAGCTTTTATCTGTGATGATGATGATGATGATGATGAT 1913  
DB |||  
QY 1807 TTTTATATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1866  
DB |||  
QY 1914 TTTTATATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1973  
DB |||  
QY 1867 TGGCAATTTTGAATTTACTAGCTGAAAAATTTGATGATGATGATGATGATGATGATGATGATGAT 1926  
DB |||  
QY 1974 TGGCAATTTTGAATTTACTAGCTGAAAAATTTGATGATGATGATGATGATGATGATGATGATGAT 2033  
DB |||  
QY 1927 ATGCTTTCTTCTGATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1986  
DB |||



QY 848 TACCAAGGGTCTTCAAGTCTAAATGCAACGAGGATATATAGGCAATGCACTCGGTG 907  
DB 954 TACCAAGGGTCTTCAAGTCTAAATGCAACGAGGATATATAGGCAATGCACTCGGTG 1013  
QY 908 TTCTCTATCCCTGAAAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCAATCAAGA 967  
DB 1014 TTCTCTATCCCTGAAAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCAATCAAGA 1073  
QY 968 CAGAAATCAAGAAATTCGTCTCAAAAAACAGCATGAAAAAGGCAAAATTAABA 1027  
DB 1074 CAGAAATCAAGAAATTCGTCTCAAAAAACAGCATGAAAAAGGCAAAATTAABA 1133  
QY 1028 TGTATCCCAAGAACCCACAGAGCTCCCTACCCCTAAAGTGAACCTTCAGGCCCTTCAACTA 1087  
DB 1134 TGTATCCCAAGAACCCACAGAGCTCCCTACCCCTAAAGTGAACCTTCAGGCCCTTCAACTA 1193  
QY 1089 TGAAGAGATAGTTTCAGAGGGGGAATCTCTCATGGAGGTAAAAAGGGAATGAAGAG-A 1146  
DB 1194 TGAAGAGATAGTTTCAGAGGGGGAATCTCTCTGGAGGTAAAAAGGGAATGAAGAGAA 1253  
QY 1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAACCCCTGAAGAAATGACATAGA 1206  
DB 1254 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAACCCCTGAAGAAATGACATAGA 1313  
QY 1207 GGAGCGAAGCCCTCGAGGAGATGTTCTTTCCCTAAAGTGAATGAAGAGGTAAATTCGG 1266  
DB 1314 GGAGCGAAGCCCTCGAGGAGATGTTCTTTCCCTAAAGTGAATGAAGAGGTAAATTCGG 1373  
QY 1267 CTTGATTCCTGGTCCAAAGGAGAGCGCTAACTTCCAAACTGGAACATAAAGATTAAATAT 1326  
DB 1374 CTTGATTCCTGGTCCAAAGGAGAGCGCTAACTTCCAAACTGGAACATAAAGATTAAATAT 1433  
QY 1327 CTGGTTGACTCGAGCTCAATCATGGGATCTGTGACTGGAAACAGGNATAGAGATGA 1386  
DB 1434 CTGGTTGACTCGAGCTCAATCATGGGATCTGTGACTGGAAACAGGNATAGAGATGA 1493  
QY 1387 TTTTGTGCTGAAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGGC 1446  
DB 1494 TTTTGTGCTGAAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGGC 1553  
QY 1447 CTTGGCAGGTCACAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGCGAAC 1506  
DB 1554 CTTGGCAGGTCACAAGAAAGACATTTGGCGATTTGAAACTTCTCTACCTGCGAAC 1613  
QY 1507 CAAAGCAATCTCTGTTTCTCTTTGATTACCGCTGGCGGAGCAAGTCCGGAACT 1566  
DB 1614 CAAAGCAATCTCTGTTTCTCTTTGATTACCGCTGGCGGAGCAAGTCCGGAACT 1673  
QY 1567 TCGAGTGTGTTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGAACCCAGAGTGAGGA 1626  
DB 1674 TCGAGTGTGTTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGAACCCAGAGTGAGGA 1733  
QY 1627 TGAAGAGTGAAGACAGGGAATTCAGTTGTATCAGGAATGATGCTACCAAGCAT 1686  
DB 1734 TGAAGAGTGAAGACAGGGAATTCAGTTGTATCAGGAATGATGCTACCAAGCAT 1793  
QY 1687 CATTTTGAAGCAGAACCTGGCAGGCAAAACCGCGGAAATCGCAGTGGATGGCGTCTT 1746  
DB 1794 CATTTTGAAGCAGAACCTGGCAGGCAAAACCGCGGAAATCGCAGTGGATGGCGTCTT 1853  
QY 1747 GCTTGTGTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGATGTTACTATC 1806  
DB 1854 GCTTGTGTTTCAAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGATGTTACTATC 1913  
QY 1807 TTTTATTTGACTTTGATGTCAGTTCCCTGGTCTTTTGTATTTGATTCATCATTAGGACCTC 1866  
DB 1914 TTTTATTTGACTTTGATGTCAGTTCCCTGGTCTTTTGTATTTGATTCATCATTAGGACCTC 1973  
QY 1867 TGGCAATTTAGAAATCTAGCTGAAAAATTTGTAATGTACCAACAGAAATTAATTTGTAAG 1926  
DB 1974 TGGCAATTTAGAAATCTAGCTGAAAAATTTGTAATGTACCAACAGAAATTAATTTGTAAG 2033  
QY 1927 ATGCTTTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACGTATCTTTC 1986

DB 2034 ATGCTTTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACGTATCTTTC 2093  
QY 1987 TCAGTATTTCTGAATCTTCCNCAATATATATATAAATNTGAAAANGTCAGTTTATCTC 2046  
DB 2094 TCAGTATTTCTGAATCTTTCACATATATATATAAATNTGAAAANGTCAGTTTATCTC 2153  
QY 2047 CCCTCCCTCNGTATATCTGATTTGTATANGTANGTTCATGNGCTTCTCTACAACATTTTC 2106  
DB 2154 CCCTCCCTCAGTATATCTGATTTGTATAAGTAACTTTCATGAGCTTCTCTACAACATTTTC 2213  
QY 2107 TAGAAAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTATGATATCTTCT 2166  
DB 2214 TAGAAAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGACTCTTATGATATCTTCT 2273  
QY 2167 TGGAAAACTATGACATCAAGATAGACTTTTTCCTAAAGTGGCTTTCAGTGGGTCTTTTCATAG 2226  
DB 2274 TGGAAAACTATGACATCAAGATAGACTTTTTCCTAAAGTGGCTTTCAGTGGGTCTTTTCATAG 2333  
QY 2227 CCAAACTTGTATATTT-AATTCCTTTGTAAATAA 2260  
DB 2334 CCAAACTTGTATATTTAAATTTCTTTGTAAATAA 2369

RESULT 39  
AAA47456  
ID AAA47456 standard; cDNA; 2435 BP.  
XX  
AC AAA47456;  
XX  
DT 20-OCT-2000 (first entry)  
XX  
DE Human TANGO 212 coding sequence.  
XX  
KW TANGO; 128; 140; 197; 212; 213; 224; 239; modulating agent; asthma;  
KW graft versus-host diseases; rheumatoid arthritis; psoriasis;  
KW inflammatory bowel disease; septic shock; ulcerative colitis;  
KW Crohn's disease; chronic myelogenous leukemia; cancer; liver disease;  
KW Hodgkin's disease; osteoarthritis; Lyme's disease; cachexia;  
KW autoimmune disease; myasthenia gravis; autoimmune diabetes;  
KW systemic lupus erythematosus; transgenic animal; diagnosis; prognosis;  
KW prophylactic; therapeutic; human; ds.  
XX  
OS Homo sapiens.  
XX  
FH Key Location/Qualifiers  
FT 269..1930  
FT CDS /tag= a  
FT /product= "TANGO 212"  
XX  
XX WO200039284-A1.  
XX  
PN 06-JUL-2000.  
XX  
PD 23-DEC-1999; 99WO-US031025.  
XX  
PF 30-DEC-1998; 98US-00223546.  
XX  
PR (MILL-) MILLENNIUM PHARM INC.  
XX  
PA Holtzman DA;  
XX  
PI WPI; 2000-465743/40.  
XX  
DR P-PSDB; AAB01423.  
XX  
XX Novel nucleic acid sequences encoding TANGO-128, 140, 197, 212, 213, 224  
XX and 239 polypeptides useful for the treatment of asthma, rheumatoid  
XX arthritis, psoriasis and autoimmune diseases.  
XX  
XX Claim 1; Fig 5; 209pp; English.  
XX  
XX Nucleic acids encoding TANGO polypeptides are useful as modulating agents  
XX for regulating cellular processes like asthma, graft versus-host  
CC









Qy 968 CAGAAATCAGAGGTTGCTTGTCTACAAACACAGATGAAAGAGAGGCAAAATTAATAA 1027  
Db 1091 CAGAAATCAGAGGTTGCTTGTCTACAAACACAGATGAAAGAGAGGCAAAATTAATAA 1150  
Qy 1028 TGTATACCCAGAGACCCACAGAGCTCTCCCTTAAGGTGAACCTTGCAGCCCTTCAACTA 1087  
Db 1151 TGTATACCCAGAGACCCACAGAGCTCTCCCTTAAGGTGAACCTTGCAGCCCTTCAACTA 1210  
Qy 1088 TGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTGAAAGAGGAAATGAAGAG-A 1146  
Db 1211 TGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTGAAAGAGGAAATGAAGAGAA 1270  
Qy 1147 AATGAAGAGAGGGCTTGCAGATGAGAAAGAGAGAGAAAGCCCTGAGCAATGACATAGA 1206  
Db 1271 AATGAAGAGAGGGCTTGCAGATGAGAAAGAGAGAGAAAGCCCTGAGCAATGACATAGA 1330  
Qy 1207 GGAGCGAGCTCGAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGAGTGAATTCGG 1266  
Db 1331 GGAGCGAGCTCGAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGAGTGAATTCGG 1390  
Qy 1267 CCTGATCTGCTCAAGAGGAAAGCGCTTAACCTCCAACTGGAACATAAAGATTTAAATAT 1326  
Db 1391 CCTGATCTGCTCAAGAGGAAAGCGCTTAACCTCCAACTGGAACATAAAGATTTAAATAT 1450  
Qy 1327 CTCGGTGAATGAGCTTCAATCATGGGATCTGACTGGAACAGAGATGAGAGATGA 1386  
Db 1451 CTCGTGACTGCAAGCTTCAATCATGGGATCTGACTGGAACAGAGATGAGAGATGA 1510  
Qy 1387 TTTTGACTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGGC 1446  
Db 1511 TTTTGACTGGAAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCGGC 1570  
Qy 1447 CTGGAGCTCACAAGAAAGACATGGCGGATGGAACCTTCTCTACCTGACCTGCAACC 1506  
Db 1571 CTGGAGCTCACAAGAAAGACATGGCGGATGGAACCTTCTCTACCTGACCTGCAACC 1630  
Qy 1507 CCAAGCAACTTCTGTTTGTCTTTGATTAACCGCTGGCCGAGAGACAAAGTCCGGAACT 1566  
Db 1631 CCAAGCAACTTCTGTTTGTCTTTGATTAACCGCTGGCCGAGAGACAAAGTCCGGAACT 1690  
Qy 1567 TCGAGTGTGTTGTAAGAAACAGTAAACAATGCGCTGGCATGGGAGAGACACAGAGTGA 1626  
Db 1691 TCGAGTGTGTTGTAAGAAACAGTAAACAATGCGCTGGCATGGGAGAGACACAGAGTGA 1750  
Qy 1627 TGAAGAGTGAAGACAGGGAATTCAGTTGATCAAGGAACCTGCTACCAAAAGCAT 1686  
Db 1751 TGAAGAGTGAAGACAGGGAATTCAGTTGATCAAGGAACCTGCTACCAAAAGCAT 1810  
Qy 1687 CATTTTGAAGCAGACCTGGCAAGGCAAAACCGGCGAATCCAGTGGATGCGCTTT 1746  
Db 1811 CATTTTGAAGCAGACCTGGCAAGGCAAAACCGGCGAATCCAGTGGATGCGCTTT 1870  
Qy 1747 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGATGTTACTATC 1806  
Db 1871 GCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTGATGTTACTATC 1930  
Qy 1807 TTTTATATTGACTTTGATGTCAGTTCCTCGTTTCTTTTGTATTTGTCATCATAGGACCTC 1866  
Db 1931 TTTTATATTGACTTTGATGTCAGTTCCTCGTTTCTTTTGTATTTGTCATCATAGGACCTC 1990  
Qy 1867 TGGCAATTTAGAAATTAAGTGAAGAAATTTGATGACCAAGAGATATTTGTAAG 1926  
Db 1991 TGGCAATTTAGAAATTAAGTGAAGAAATTTGATGACCAAGAGATATTTGTAAG 2050  
Qy 1927 ATGCGCTTCTCTGTATAAGATATGCAATATTTGCTTTAAATATCATATCATCTGATCTTC 1986  
Db 2051 ATGCGCTTCTCTGTATAAGATATGCAATATTTGCTTTAAATATCATATCATCTGATCTTC 2110  
Qy 1987 TCAATCATTTCTGAAATCTTCCNCAATTTATATATAAATTTGGAANGTCAAGTTATCTC 2046  
Db 2111 TCAATCATTTCTGAAATCTTCCNCAATTTATATAAATTTGGAANGTCAAGTTATCTC 2170

Qy 2047 CCTCTCTCNGTATATCTGATTTGTATANGTANGTGTGATGNGCTTCTCTCTCAACATTTTC 2106  
Db 2171 CCTCTCTCAGTATATCTGATTTGTATANGTANGTGTGATGAGCTTCTCTCTCAACATTTTC 2230  
Qy 2107 TAGAAATAGAAAAACACAGAGGAATGTTAACTGTTTGAATCTTATGATGATCTTCT 2166  
Db 2231 TAGAAATAGAAAAACACAGAGGAATGTTAACTGTTTGAATCTTATGATGATCTTCT 2290  
Qy 2167 TGGAAACTATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTTTTCATAG 2226  
Db 2291 TGGAAACTATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTTTTCATAG 2350  
Qy 2227 CCAACTGTTATATTT-AACTCTTTGTAATAATAA 2260  
Db 2351 CCAACTGTTATATTTAAATTTCTTTGTAATAATAA 2385

RESULT 41  
RAI58312  
ID AAI58312 standard; cDNA; 2413 BP.  
XX  
AC AAI58312;  
XX  
DT 22-OCT-2001 (first entry)  
XX  
DE Human polynucleotide SEQ ID NO 515.  
XX  
KW Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;  
peripheral nervous system; neuropathy; central nervous system; CNS;  
Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;  
amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;  
chemokinetic; thrombolytic; drug screening; arthritis; inflammation;  
leukaemia; ss.  
XX  
OS Homo sapiens.  
XX  
PN WO200153312-A1.  
XX  
PD 26-JUL-2001.  
XX  
PF 26-DEC-2000; 2000WO-US034263.  
XX  
PR 23-DEC-1999; 99US-00471275.  
PR 21-JAN-2000; 2000US-00488725.  
PR 25-APR-2000; 2000US-00552317.  
PR 20-JUN-2000; 2000US-00598042.  
PR 19-JUL-2000; 2000US-00620312.  
PR 03-AUG-2000; 2000US-00653450.  
PR 14-SEP-2000; 2000US-00662191.  
PR 19-OCT-2000; 2000US-00693036.  
PR 29-NOV-2000; 2000US-00727344.  
XX  
(HYSE-) HYSEQ INC.  
XX  
Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;  
Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J, Zhao QA;  
Zhou P, Goodrich R, Drmanac R;  
XX  
WPI; 2001-442253/47.  
XX  
P-PSDB; AAM39156.  
XX  
Novel nucleic acids and polypeptides, useful for treating disorders such  
as central nervous system injuries.  
XX  
Claim 1; SEQ ID NO 515; 10078pp; English.  
XX  
The invention relates to human nucleic acids (AAI57798-AAI61369) and the  
encoded polypeptides (AAM38642-AAM42213) with nootropic,  
immunosuppressant and cytostatic activity. The polynucleotides are useful  
in gene therapy. A composition containing a polypeptide or polynucleotide  
of the invention may be used to treat diseases of the peripheral nervous  
system, such as peripheral nervous injuries, peripheral neuropathy and  
localised neuropathies and central nervous diseases, such as

CC Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic  
CC lateral sclerosis, and Shy-Drager Syndrome. Other uses include the  
CC utilisation of the activities such as: Immune system suppression,  
CC Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic  
CC and thrombolytic activity, cancer diagnosis and therapy, drug screening,  
CC assays for receptor activity, arthritis and inflammation, leukaemias and  
CC C.N.S disorders. Note: The sequence data for this patent did not form  
CC part of the printed specification  
XX  
SQ Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;

Query Match 97.6%; Score 2206.2; DB 4; Length 2413;  
Best Local Similarity 99.3%; Pred. No. 0;  
Matches 2243; Conservative 10; Mismatches 5; Gaps 3;

QY 8 GTGGGTGCGAGTGGACCGGACCCGAGCGGCTGAGGAGAGAGAGCGCGCGCTTAGC 67  
DB 131 GTAACTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGAGCGCGCGCTTAGC 190

QY 68 TGTCTAGGGGTCGGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGAGAGAGAGCGCG 127  
DB 191 TGTCTAGGGGTCGGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGAGAGAGAGCGCG 250

QY 128 TCGGAGATGCTCTGCGCTCGAGCGCTTGGCGTCCGCTGCTGCTCTCTCGGTGGCAGG 187  
DB 251 TCGGAGATGCTCTGCGCTCGAGCGCTTGGCGTCCGCTGCTGCTCTCTCGGTGGCAGG 310

QY 188 TGGTTTCGGGAACGGCGCGGCTGCAAGGATCATCAGGGTGTGTAGCATCGGCAGGCC 247  
DB 311 TGGTTTCGGGAACGGCGCGGCTGCAAGGATCATCAGGGTGTGTAGCATCGGCAGGCC 370

QY 248 TGGGTTCTCTCATATGGAATTAATCGGCTGCTGCTACCGCTGGAGAGAGAGAGAGCAA 307  
DB 371 TGGGTTCTCTCATATGGAATTAATCGGCTGCTGCTACCGCTGGAGAGAGAGAGAGCAA 430

QY 308 GGGAGTCTGTGAGTACATGCGAAGCTGATGTAAGTTTGGTGAAGTCCGTGGGACCAA 367  
DB 431 GGGAGTCTGTGAGTACATGCGAAGCTGATGTAAGTTTGGTGAAGTCCGTGGGACCAA 490

QY 368 CAAATGCAGATGCTTTCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTAAGTG 427  
DB 491 CAAATGCAGATGCTTTCAGGATACACCGGGGAAACCTGCGAGTCAAGATGTAAGTG 550

QY 428 TGGAAATGAACCCGGGCTGCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 487  
DB 551 TGGAAATGAACCCGGGCTGCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTG 610

QY 488 CTTTTCGCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGAACTCTAGGACATG 547  
DB 611 CTTTTCGCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGAACTCTAGGACATG 670

QY 548 TGCATGATTAATGTCAGTACAGTGTGAGCAGACAGAGAGAGGCGCCACAGTGCCTGTG 607  
DB 671 TGCATGATTAATGTCAGTACAGTGTGAGCAGACAGAGAGAGGCGCCACAGTGCCTGTG 730

QY 608 TCCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 667  
DB 731 TCCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 790

QY 668 TGCTCTGTGTAAGTCACTGTGCTTCAATCGAAGTGTGTGACATTTGGAGCTA 727  
DB 791 TGCTCTGTGTAAGTCACTGTGCTTCAATCGAAGTGTGTGACATTTGGAGCTA 850

QY 728 CTACTGCAAAATGTCACATGTTTTCGAACTGCAATATATCATGAGGAGATGATGAT 787  
DB 851 CTACTGCAAAATGTCACATGTTTTCGAACTGCAATATATCATGAGGAGATGATGAT 910

QY 788 AGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847  
DB 911 AGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 970

QY 848 TACCAAGGGTCTTCAAGTGAATGCAAGCAGGATATAAGGCAATGGAATTCGCGTG 907

DB 971 TACCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGACTTCGGTG 1030  
QY 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGACCTGTGTACCATCAAGA 967  
DB 1031 TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGACCTGTGTACCATCAAGA 1090  
QY 968 CAGAAATCAAGAGTGTCTGCTCACAATAACAGCATGAAAAAGAGGCAAAATTAATAAA 1027  
DB 1091 CAGAAATCAAGAGTGTCTGCTCACAATAACAGCATGAAAAAGAGGCAAAATTAATAAA 1150

QY 1028 TGTATCCCCAGAACCCACAGGACTCTCTACCTCCCTTAAGGTGAATTCGAGCCCTTCACTA 1087  
DB 1151 TGTATCCCCAGAACCCACAGGACTCTCTACCTCCCTTAAGGTGAATTCGAGCCCTTCACTA 1210  
QY 1088 TGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATGAAGAG-A 1146  
DB 1211 TGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGGAATGAAGAGAA 1270

QY 1147 AATCAAAAGAGGGGCTTGAAGATGAGAAAAGAGAGAAAGCCCTGAAGAATGACATAGA 1206  
DB 1271 AATCAAAAGAGGGGCTTGAAGATGAGAAAAGAGAGAAAGCCCTGAAGAATGACATAGA 1330

QY 1207 GGAGGAGCCTCGAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGGTGAATTCGG 1266  
DB 1331 GGAGGAGCCTCGAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGGTGAATTCGG 1390

QY 1267 CCTGATTCGTGTCAAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAA--AGATTAAA 1323  
DB 1391 CCTGATTCGTGTCAAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAAGCAGATTAAA 1450

QY 1324 TATCTCGGTGACCTGCAAGTCTCATCATGCGGATCTGTGACTGGAACAGGATAGAGAAGA 1383  
DB 1451 TATCTCGGTGACCTGCAAGTCTCATCATGCGGATCTGTGACTGGAACAGGATAGAGAAGA 1510

QY 1384 TGATTTTGACTGGAAATCCTGCTGATGAGATAATGTATTGGTCTTATATGCGAGTTCC 1443  
DB 1511 TGATTTTGACTGGAAATCCTGCTGATGAGATAATGTATTGGTCTTATATGCGAGTTCC 1570

QY 1444 GGCCTTGGCAGGTCAAGAGAGATTTGGCGGATTTGAAATCTTCTCTACCTGACCTGCA 1503  
DB 1571 GGCCTTGGCAGGTCAAGAGAGATTTGGCGGATTTGAAATCTTCTCTACCTGACCTGCA 1630

QY 1504 ACCCCAAAGCAACTTCTGTTTGTCTTTTGTATTACCGGCTGCGCGGAGACAAAGTCGGGAA 1563  
DB 1631 ACCCCAAAGCAACTTCTGTTTGTCTTTTGTATTACCGGCTGCGCGGAGACAAAGTCGGGAA 1690

QY 1564 ACTTCAGTGTGTTGTAATAACAGTAAATGCTGCGGATGCGGAGAGAGACACAGAGTGA 1623  
DB 1691 ACTTCAGTGTGTTGTAATAACAGTAAATGCTGCGGATGCGGAGAGAGACACAGAGTGA 1750

QY 1624 GGATCAAAAGTGGAGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATCTACCAAAAG 1683  
DB 1751 GGATCAAAAGTGGAGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATCTACCAAAAG 1810

QY 1684 CATCATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCGMAATCCAGTGGATGCGGT 1743  
DB 1811 CATCATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCGMAATCCAGTGGATGCGGT 1870

QY 1744 CTTGCTGTGTTTCAGGCTTATGTCAGAGTAGCCTTTTATCTGTGGATGACTGAATGTTACT 1803  
DB 1871 CTTGCTGTGTTTCAGGCTTATGTCAGAGTAGCCTTTTATCTGTGGATGACTGAATGTTACT 1930

QY 1804 ATCTTTATTTGATGACTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1863  
DB 1931 ATCTTTATTTGATGACTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1990

QY 1864 CTCTGCACTTTTAGAATTTACTAGCTGAAAAATTTGATGATGATGATGATGATGATGATGAT 1923  
DB 1991 CTCTGCACTTTTAGAATTTACTAGCTGAAAAATTTGATGATGATGATGATGATGATGATGAT 2050

QY 1924 AGATGCGCTTCTGTATAAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1983  
DB 2051 AGATGCGCTTCTGTATAAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2110



971 TACCAAGGGTCTTCAAGTGTAAATCAAGCAGGGATATAAAGGCAATGAGCTTCGGTG 1030  
908 TTCTGCTATCCCTGAAATTTCTGTAAGCAAGTCTCTCAGAGCACCCTGGTACCATTCAAGA 967  
1031 TTCTGCTATCCCTGAAATTTCTGTAAGCAAGTCTCTCAGAGCACCCTGGTACCATTCAAGA 1090  
968 CAGAAATCAAGAAAGTCTGCTCTCAAAAACAGCATGAAAGAGGCAAAATTTAAAA 1027  
1091 CAGAAATCAAGAAAGTCTGCTCTCAAAAACAGCATGAAAGAGGCAAAATTTAAAA 1150  
1028 TGTATCCCCAGAACCCACAGAGACTCTTACCCCTAAGGTGAATTTGACGCCCTTCAACTA 1087  
1151 TGTATCCCCAGAACCCACAGAGACTCTTACCCCTAAGGTGAATTTGACGCCCTTCAACTA 1210  
1088 TGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATGAGAGTAAAGAGGCAATGAAGAG-A 1146  
1211 TGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATGAGGTAAAGAGGCAATGAAGAGAA 1270  
1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206  
1271 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1330  
1207 GGAAGCAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1266  
1331 GGAAGCAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGG 1390  
1267 CTTGATCTTGGTCCAAAG 1323  
1391 CTTGATCTTGGTCCAAAG 1450  
1324 TATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAAGA 1383  
1451 TATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAAGA 1510  
1384 TGATTTTGACTGGAATCTCTGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 1443  
1511 TGATTTTGACTGGAATCTCTGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 1570  
1444 GGCCTTGGCAGGTGCAAGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGACCTGCA 1503  
1571 GGCCTTGGCAGGTGCAAGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGACCTGCA 1630  
1504 ACCCAAGCAATCTCTGTTGCTTGTGATTAACGGCTGGCGGAGAGAGAGAGAGAGAGAGAG 1563  
1631 ACCCAAGCAATCTCTGTTGCTTGTGATTAACGGCTGGCGGAGAGAGAGAGAGAGAGAGAG 1690  
1564 ACTTCGAGTCTTGTGAAAACAGTAAACATGCTGCGATCGGAGAGAGAGAGAGAGAGAGAG 1623  
1691 ACTTCGAGTCTTGTGAAAACAGTAAACATGCTGCGATCGGAGAGAGAGAGAGAGAGAGAG 1750  
1624 GGAAGAAAGTGGAG 1683  
1751 GGAAGAAAGTGGAG 1810  
1684 CATCATTTTGAAGCAG 1743  
1811 CATCATTTTGAAGCAG 1870  
1744 CTTCTGTTTGAAGCAG 1803  
1871 CTTCTGTTTGAAGCAG 1930  
1804 ATCTTTATTTGAGTCTTGTGATGTCAGTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1863  
1931 ATCTTTATTTGAGTCTTGTGATGTCAGTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1990  
1864 CTTCTGCAATTTAGAAATTTAGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1923  
1991 CTTCTGCAATTTAGAAATTTAGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2050  
1924 AAGATGCTTCTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1983  
2051 AAGATGCTTCTTGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2110

1984 TTCTCAGTCATTTCTGAACTTTTCCNCAATATATATAAATNTGGAANGTCAGTTTAT 2043  
2111 TTCTCAGTCATTTCTGAACTTTTCCCAATATATATAAATNTGGAANGTCAGTTTAT 2170  
2044 CTCCCTCCTCCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATGATGATGAT 2103  
2171 CTCCCTCCTCCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATGATGATGAT 2230  
2104 TTCTAGAAATATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATGATGATGATGATGAT 2163  
2231 TTCTAGAAATATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATGATGATGATGATGAT 2290  
2164 TCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAACTGCTTAACTGCTTAACTGCTTAA 2223  
2291 TCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAACTGCTTAACTGCTTAACTGCTTAA 2350  
2224 TAGCCAAACTTGTATATTTT-AACTTTTGTAAATAA 2260  
2351 TAGCCAAACTTGTATATTTTAAATTTTGTAAATAA 2388

RESULT 43  
ABX14784

ID ABX14784 standard; cDNA; 2413 BP.

XX ABX14784;

AC XX

XX XX

DT 02-APR-2003 (first entry)

XX XX

DE Novel human EGF-motif containing protein associated cDNA #3.

XX XX

KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;

KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;

KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;

KW cell proliferation inhibition; vaccine; antisense gene therapy; gene; ss;

KW human.

XX XX

OS Homo sapiens.

XX XX

FH Key

FT CDS

FT Location/Qualifiers

FT 258..1922

FT /tag= a

FT /product= "EGF-motif containing protein associated

FT protein"

FT FT

XX US2002132250-A1.

XX PN

XX XX

XX 19-SEP-2002.

XX XX

XX 15-OCT-2001; 2001US-00981649.

XX PF

XX XX

XX 28-JUL-1999; 99US-00363316.

XX PR

XX 13-OCT-2000; 2000US-00687860.

XX PR

XX (FORD/) FORD J E.

XX PA

XX (YEUN/) YEUNG G.

XX PA

XX (ZHOU/) ZHOU H.

XX XX

XX Ford JE, Yeung G, Zhou H;

XX PI

XX WPI; 2003-174078/17.

XX DR

XX P-PSDB; ABG72945.

XX XX

XX Detecting cancerous cells expressing polynucleotides/polypeptides in

XX samples, by contacting samples with labeled polynucleotides complementary

XX to polynucleotide or an antibody against the polypeptide and detecting

XX complex formed.

XX XX

XX Example 1; Page 66-69; 78pp; English.

XX PS

XX The invention describes a method of detecting a cancerous cell expressing

XX a polynucleotide (I) or a polypeptide (II) in a biological sample,

XX CC

CC involving contacting the sample with a labelled polynucleotide  
CC complementary to (i) or an antibody or its fragment that specifically  
CC binds to (ii), for a period sufficient to form a complex and detecting  
CC the complex, so that if a complex is detected, the cell is detected. The  
CC method is useful for detecting cancerous cell in a biological sample such  
CC as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal  
CC fluid. The cancerous cell is from lung, brain, prostate, breast, skin,  
CC lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF  
CC -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFR6  
CC activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting  
CC proliferation of a cancer cell. This sequence encodes a novel human EGF  
CC (epidermal growth factor) motif containing protein associated protein  
XX  
SQ Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;

Query Match 97.6%; Score 2206.2; DB 7; Length 2413;  
Best Local Similarity 99.3%; Pred. No. 0;  
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

QY	8	GTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCGCTTAGC	67
DB	131	GTAACTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCGCTTAGC	190
QY	68	TGTCACGGGGTCCGGCCGGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGACCCG	127
DB	191	TGTCACGGGGTCCGGCCGGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGACCCG	250
QY	128	TGCGAGAGTCCCTGCTCCGAGCGCTTGGCTCCCGCTGCTCTCTCTGCTGCTGCTG	187
DB	251	TGCGAGAGTCCCTGCTCCGAGCGCTTGGCTCCCGCTGCTCTCTCTGCTGCTGCTG	310
QY	188	TGGTTTCGGGAACCGGCGAGTGAAGGATCAAGGCTACGGGTTGTAGCATCGGACGTC	247
DB	311	TGGTTTCGGGAACCGGCGAGTGAAGGATCAAGGCTACGGGTTGTAGCATCGGACGTC	370
QY	248	TGGGGTCTGTCACTATGGAATCAACTGAACTGGCTGCTGCTGCTGCTGCTGCTGCT	307
DB	371	TGGGGTCTGTCACTATGGAATCAACTGAACTGGCTGCTGCTGCTGCTGCTGCTGCT	430
QY	308	GGGAGTCTGTGAAGTCAATCGGAACCTGGATGTAAGTTGGTGGTGGGACCAAA	367
DB	431	GGGAGTCTGTGAAGTCAATCGGAACCTGGATGTAAGTTGGTGGTGGGACCAAA	490
QY	368	CAATGAGATGCTTTCCAGATACACGGGAAACCTGAGTCAAGATGTAAGTGAAGTG	427
DB	491	CAATGAGATGCTTTCCAGATACACGGGAAACCTGAGTCAAGATGTAAGTGAAGTG	550
QY	428	TGGAATGAAACCCGGCCATGCCAACACAGATGTGTAATACACACGGAGGCTACAAAGTG	487
DB	551	TGGAATGAAACCCGGCCATGCCAACACAGATGTGTAATACACACGGAGGCTACAAAGTG	610
QY	488	CTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTAACCTTAGGACATG	547
DB	611	CTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGTAACCTTAGGACATG	670
QY	548	TGCCATGATAAAGTGTAGTACAGTGTGAGACACAGAGAGAGGAGGCGGCGCTGAGT	607
DB	671	TGCCATGATAAAGTGTAGTACAGTGTGAGACACAGAGAGAGGAGGCGGCGCTGAGT	730
QY	608	TCCATCCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGTGTAGATTTGATGAATG	667
DB	731	TCCATCCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGTGTAGATTTGATGAATG	790
QY	668	TGCCCTCTGTAAGTCACTCTGCTCAATCGGAAGATGTGTAACACATTTGGAAGCTA	727
DB	791	TGCCCTCTGTAAGTCACTCTGCTCAATCGGAAGATGTGTAACACATTTGGAAGCTA	850
QY	728	CTACTGCAAAATGTCAATTTGGTTTTCGAACCTCAATATATCAGTGGAGATGATGAT	787
DB	851	CTACTGCAAAATGTCAATTTGGTTTTCGAACCTCAATATATCAGTGGAGATGATGAT	910
QY	788	AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	847

DB	911	AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	970
QY	848	TACCAAGGGTCTTCAAGGTAAATGTCAGAGCAGGATATAAGGCAATGGACTTCGGTG	907
DB	971	TACCAAGGGTCTTCAAGGTAAATGTCAGAGCAGGATATAAGGCAATGGACTTCGGTG	1030
QY	908	TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGGCTGCTGATCAATCA	967
DB	1031	TTCTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGGCTGCTGATCAATCA	1090
QY	968	CAGATCAAGAGTGTCTCTCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	1027
DB	1091	CAGATCAAGAGTGTCTCTCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	1150
QY	1028	TGTTACCCCGAGAACCCACAGGACTCTCTACCCCTAAGGTGAATTCGACCCCTTCAACTA	1087
DB	1151	TGTTACCCCGAGAACCCACAGGACTCTCTACCCCTAAGGTGAATTCGACCCCTTCAACTA	1210
QY	1088	TGAAGAGATAGTTTTCAGAGGCGGGAACCTCTCATGAGGTAAAGGAGGAGGAGGAGGAG	1146
DB	1211	TGAAGAGATAGTTTTCAGAGGCGGGAACCTCTCATGAGGTAAAGGAGGAGGAGGAGGAG	1270
QY	1147	AATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1206
DB	1271	AATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1330
QY	1207	GGAGCGAAGCCTCGAGGAGATGTTTTCCTTAAGGTGAATGAGAGGAGGAGGAGGAGGAG	1266
DB	1331	GGAGCGAAGCCTCGAGGAGATGTTTTCCTTAAGGTGAATGAGAGGAGGAGGAGGAGGAG	1390
QY	1267	CCTGATTTCTGGTCCAAAGGAAAGCGCTTAACTTCCAAACTGGAAACATPAA--AGATTA	1323
DB	1391	CCTGATTTCTGGTCCAAAGGAAAGCGCTTAACTTCCAAACTGGAAACATPAA--AGATTA	1450
QY	1324	TATCTCGGTTGACGTCGAGCTTCAATCATGGGATCTGTCGATGAGGAGGAGGAGGAGGAG	1383
DB	1451	TATCTCGGTTGACGTCGAGCTTCAATCATGGGATCTGTCGATGAGGAGGAGGAGGAGGAG	1510
QY	1384	TGATTTTGACTGGAATCCTGCTGATGAGATATGCTATTGGCTTCTATATGGCAGTTCC	1443
DB	1511	TGATTTTGACTGGAATCCTGCTGATGAGATATGCTATTGGCTTCTATATGGCAGTTCC	1570
QY	1444	GGCCTTGGCAGGTCACAGAAAGACATTTGGCCGATTTGAACCTTCTCTACCTGACCTGCA	1503
DB	1571	GGCCTTGGCAGGTCACAGAAAGACATTTGGCCGATTTGAACCTTCTCTACCTGACCTGCA	1630
QY	1504	ACCCCAAGCAACTTCTGTTTGTCTTGTGATTAACCGGCTGGCGGAGACAAAGTGGGAA	1563
DB	1631	ACCCCAAGCAACTTCTGTTTGTCTTGTGATTAACCGGCTGGCGGAGACAAAGTGGGAA	1690
QY	1564	ACTTCGAGTGTGTTGAAAGACAGTAACTATGCTTCTTGTGATTAACCGGCTGGCGGAGTGA	1623
DB	1691	ACTTCGAGTGTGTTGAAAGACAGTAACTATGCTTCTTGTGATTAACCGGCTGGCGGAGTGA	1750
QY	1624	GGATGAAAGTGGAGACAGGAGAAATTCAGTTGATCAAGGAACTGATGCTTACCAAAAG	1683
DB	1751	GGATGAAAGTGGAGACAGGAGAAATTCAGTTGATCAAGGAACTGATGCTTACCAAAAG	1810
QY	1684	CATCATTTTGAAGCAGAACGTCGGCAAGGCAAAAACCGGCGAAATCGCAGTGGATGGGCT	1743
DB	1811	CATCATTTTGAAGCAGAACGTCGGCAAGGCAAAAACCGGCGAAATCGCAGTGGATGGGCT	1870
QY	1744	CTTCTGTTTTCAGGCTTATGTCAGATGCTTTTATCTGTGATGATGATGATGATGATGAT	1803
DB	1871	CTTCTGTTTTCAGGCTTATGTCAGATGCTTTTATCTGTGATGATGATGATGATGATGAT	1930
QY	1804	ATCTTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1863
DB	1931	ATCTTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1990
QY	1864	CTCTGGCATTTTGAATTTAGTACTGCTGAGAAATTTGATGATGATGATGATGATGATGAT	1923
DB	1991	CTCTGGCATTTTGAATTTAGTACTGCTGAGAAATTTGATGATGATGATGATGATGATGAT	2050

QY 1924 AAGATGCTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGATC 1983  
 Db 2051 AAGATGCTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCATCTGATC 2110  
 QY 1984 TTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGAAANGTCAGTTTAT 2043  
 Db 2111 TTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGAAANGTCAGTTTAT 2170  
 QY 2044 CTCCTCTCCNCAATATCTGATTTCTATATANGTGTATGCTTCTCTCTACAAAT 2103  
 Db 2171 CTCCTCTCCNCAATATCTGATTTCTATATANGTGTATGCTTCTCTCTACAAAT 2230  
 QY 2104 TTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTCTTTGACTCTTATGATACT 2163  
 Db 2231 TTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTCTTTGACTCTTATGATACT 2290  
 QY 2164 TCTTGGAACTATGACATCAAGATAGACTTTTGCTTAAGTGTAGCTGGTCTTTCA 2223  
 Db 2291 TCTTGGAACTATGACATCAAGATAGACTTTTGCTTAAGTGTAGCTGGTCTTTCA 2350  
 QY 2224 TAGCCAACTGTATATTT-BAATCTTCTTAATAAA 2260  
 Db 2351 TAGCCAACTGTATATTTAAATTTCTTTGTAATAAA 2388

RESULT 44  
 ACD25947  
 ID ACD25947 standard; DNA; 2413 BP.  
 XX  
 AC ACD25947;  
 XX  
 DT 01-SEP-2003 (first entry)  
 XX  
 DE Novel epidermal growth factor motif protein EGFL6 related DNA #3.  
 XX  
 KW Human; epidermal growth factor motif protein; EGFL6; cytostatic;  
 KW neuroprotective; antibacterial; antiparasitic; antilipemic;  
 KW antifertility; EGF-Agonist; EGF-Antagonist; cell growth; cancer;  
 KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;  
 KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;  
 KW carcinoma; parasite; biorthym; fertility; metabolism; catabolism;  
 KW anabolism; gene; ss.  
 XX  
 OS Homo sapiens.  
 XX  
 FH Key Location/Qualifiers  
 FT CDS 258..1922  
 FT /\*tag= a  
 FT /product= "EGFL6 related protein"  
 FT /note= "Epidermal growth factor motif protein"  
 XX  
 FN US2003036508-A1.  
 XX  
 PD 20-FEB-2003.  
 XX  
 PF 17-APR-2002; 2002US-00124986.  
 XX  
 PR 22-NOV-1997; 97US-00968800.  
 PR 12-FEB-1999; 99US-00249697.  
 PR 28-JUL-1999; 99US-00363316.  
 PR 13-OCT-2000; 2000US-00687860.  
 PR 15-OCT-2001; 2001US-00981649.  
 XX  
 PA (FORD/) FORD J.  
 PA (YEUN/) YEUNG G.  
 PA (ZHOU/) ZHOU H.  
 XX  
 PI Ford J, Yeung G, Zhou H;  
 XX  
 DR WPI; 2003-492123/46.  
 DR P-PSDB; ABU62268.  
 XX

Stimulating cell growth by contacting the cell with an EGFL6 polypeptide, useful for the diagnosis and treatment of cancers and neurodegenerative disorders.

Example 1; Page 75-77; 86pp; English.

The invention describes a method of stimulating cell growth comprising contacting the cell with an EGFL6 polypeptide having at least 90 % sequence identity to a 553 amino acid sequence (SI), given in the specification, or its variant and/or fragment lacking a C-terminal portion of the EGFL6 polypeptide. The methods and compositions of the present invention are useful for the diagnosis and treatment of cancers and neurodegenerative disorders by stimulating cell growth. The cancers include leukaemia, brain, lung, breast, gastrointestinal, skin and prostate tumours and carcinomas. They can also be used in inhibiting the growth of infectious agents and parasites, effecting bodily characteristics and biorthymes, effecting fertility, metabolism catabolism and anabolism of fats, vitamins, proteins and minerals, and effecting behavioural characteristics. This sequence encodes a novel human epidermal growth factor motif protein EGFL6 related DNA assembled using EGF-receptor like protein expressed sequence tags (EST's)

Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;

Query Match 97.6%; Score 2206.2; DB 8; Length 2413;  
 Best Local Similarity 99.3%; Pred. No. 0;  
 Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;

QY 8 GTGGGTGCGAGTGGAGCGAGGAGCCCGAGCGGCTGAGGAGAGAGAGCGCGGCTTAGC 67  
 Db 131 GTAACGTGCGAGTGGAGCGAGGAGCCCGAGCGGCTGAGGAGAGAGAGCGCGGCTTAGC 190  
 QY 68 TGCTACGGGGTCCGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGAGAGAGAGCGCG 127  
 Db 191 TGCTACGGGGTCCGCGCGCGCCCTCCGAGGGGGCTCAGGAGGAGAGAGAGAGCGCG 250  
 QY 128 TCGAGAGATGCTCTGCGCTGGAGCGCTTCCGCTCCGCTGCTCTCTCTGGGGGCGAG 187  
 Db 251 TCGAGAGATGCTCTGCGCTGGAGCGCTTCCGCTCCGCTGCTCTCTCTGGGGGCGAG 310  
 QY 188 TGGTTTCGGGAAACGGCGCGCAGTCAAGGCATCAGGGTTGTTAGCATCGGCACTCAGCC 247  
 Db 311 TGGTTTCGGGAAACGGCGCGCAGTCAAGGCATCAGGGTTGTTAGCATCGGCACTCAGCC 370  
 QY 248 TGGGTCTGTCACTATGGAATTAACCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 307  
 Db 371 TGGGTCTGTCACTATGGAATTAACCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 430  
 QY 308 GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGGTGGGACCAAA 367  
 Db 431 GGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGGTGGGACCAAA 490  
 QY 368 CAAATGCAATGCTTTCCAGGATACACCGGAAACCTGGAGTCAAGATGTAAGTGTG 427  
 Db 491 CAAATGCAATGCTTTCCAGGATACACCGGAAACCTGGAGTCAAGATGTAAGTGTG 550  
 QY 428 TGGATGAAACCCCGCGCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAAGT 487  
 Db 551 TGGATGAAACCCCGCGCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAAGT 610  
 QY 488 CTTTTCGCTCAGTGGCCACATGCTCATGCGAGATGCTACGTGTGTGAATCTTAGGATG 547  
 Db 611 CTTTTCGCTCAGTGGCCACATGCTCATGCGAGTGTCTACGTGTGTGAATCTTAGGATG 670  
 QY 548 TGCATGATAAACTGTCACTACAGTGTGAAGACACAGAAAGGGGCCACAGTCCCTGTG 607  
 Db 671 TGCATGATAAACTGTCACTACAGTGTGAAGACACAGAAAGGGGCCACAGTCCCTGTG 730  
 QY 608 TCCATCTCAGGACTCCGCTCGGCCCAAAATGGAAGAGACTGTCTAGATATTGATGATG 667  
 Db 731 TCCATCTCAGGACTCCGCTCGGCCCAAAATGGAAGAGACTGTCTAGATATTGATGATG 790  
 QY 668 TGCCTCTGGTAAAGTCACTCTGTCCTTACAATCGAAGATGTGTGAACACATTTGGAAGCTA 727





XX The invention relates to a polynucleotide comprising a sequence given in  
CC the specification, or its mature protein-coding portion, or its  
CC complement. The polynucleotide is useful for treating diseases e.g.,  
CC cancer or neurodegenerative diseases and many others listed in the  
CC specification. The present sequence represents a novel human cDNA. Note:  
CC The sequence data for this patent did not form part of the printed  
CC specification but was obtained in electronic format directly from USPTO  
CC at [seqdata.uspto.gov/sequence.html?DocID=20030104529](http://seqdata.uspto.gov/sequence.html?DocID=20030104529).  
XX

SQ Sequence 2413 BP; 704 A; 516 C; 601 G; 592 T; 0 U; 0 Other;  
Query Match 97.6%; Score 2206.2; DB 8; Length 2413;  
Best Local Similarity 99.3%; Pred. No. 0;  
Matches 2243; Conservative 0; Mismatches 10; Indels 5; Gaps 3;  
QY 8 GTGGGTGCGAGTGGACGGAGACCGGAGCGGCTGAGGAGAGAGGCGCGGCTTAGC 67  
DB 131 GTAACTCGGAGTGGACGGAGACCGGAGCGGCTGAGGAGAGAGGCGCGGCTTAGC 190  
QY 68 TGCTACGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 127  
DB 191 TGCTACGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGGAGGAGGAGGAGGAGCCG 250  
QY 128 TGGGAGAATGCCCTCTGCCCTGGAGCCTTGGCTCCCGCTGCTGCTCTCTCTGGGTGCGAG 187  
DB 251 TGGGAGAATGCCCTCTGCCCTGGAGCCTTGGCTCCCGCTGCTGCTCTCTCTGGGTGCGAG 310  
QY 188 TGGTTTCGGGAACGGCCAGTGCAGGCAATCAAGGTTGTTAGCATCGGCACTGAGCC 247  
DB 311 TGGTTTCGGGAACGGCCAGTGCAGGCAATCAAGGTTGTTAGCATCGGCACTGAGCC 370  
QY 248 TGGGGTCTGTCACTATGGAATAAATGGCCCTGCTGCTACGGCTGGAGAGAAACAGCAA 307  
DB 371 TGGGGTCTGTCACTATGGAATAAATGGCCCTGCTGCTACGGCTGGAGAGAAACAGCAA 430  
QY 308 GGGAGTCTGTAGCTACATCGGAACCTGGATGAGTTGGTGGTGGTGGGACCAA 367  
DB 431 GGGAGTCTGTAGCTACATCGGAACCTGGATGAGTTGGTGGTGGTGGGACCAA 490  
QY 368 CAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGGAATGAGTG 427  
DB 491 CAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGGAATGAGTG 550  
QY 428 TGGATGAAACCCGGCCATGCCAACACAGATGTGGAATACACAGGAGGTACAAGTG 487  
DB 551 TGGATGAAACCCGGCCATGCCAACACAGATGTGGAATACACAGGAGGTACAAGTG 610  
QY 488 CTTTTCCTCAGTGGCCACATGCTCATGGCAGATGCTAGTGTGTGAATCTTAGGACATG 547  
DB 611 CTTTTCCTCAGTGGCCACATGCTCATGGCAGATGCTAGTGTGTGAATCTTAGGACATG 670  
QY 548 TGCATGATAACTGTGCTAGCTGTGAGACACAGAGAGGGCCACAGTGGCTGTG 607  
DB 671 TGCATGATAACTGTGCTAGCTGTGAGACACAGAGAGGGCCACAGTGGCTGTG 730  
QY 608 TCCATCTCAGGACTCCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 667  
DB 731 TCCATCTCAGGACTCCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 790  
QY 668 TGCCTCTGGTAAGTCAATCTGTCCCTACAAATGGAAGATGTGTGAACACAAATTTGGAAGCTA 727  
DB 791 TGCCTCTGGTAAGTCAATCTGTCCCTACAAATGGAAGATGTGTGAACACAAATTTGGAAGCTA 850  
QY 728 CTACTGCAATGTCAATCTGGTTTGAATCGAATATATATATATATATATATATATATATAT 787  
DB 851 CTACTGCAATGTCAATCTGGTTTGAATCGAATATATATATATATATATATATATATATAT 910  
QY 788 AGATATAAATGATGTACTATGATAGCCATACGTGAGCCCAATGCAATTTGCTTCAA 847  
DB 911 AGATATAAATGATGTACTATGATAGCCATACGTGAGCCCAATGCAATTTGCTTCAA 970  
QY 848 TACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATATATATATATATATATATATAT 907

DB 971 TACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATATATATATATATATATATATATAT 1030  
QY 908 TTCTGCTATCCCTGAAATTTCTGAAAGGAAGTCTCTCAGAGCACCTGGTACCATCAAGA 967  
DB 1031 TTCTGCTATCCCTGAAATTTCTGAAAGGAAGTCTCTCAGAGCACCTGGTACCATCAAGA 1090  
QY 968 CAGATCAAGAGTGTCTGCTCAAAAACAGATGAAAAGAGGCAAAAATTTAAAA 1027  
DB 1091 CAGAAATCAAGAGTGTCTGCTCAAAAACAGATGAAAAGAGGCAAAAATTTAAAA 1150  
QY 1028 TGTTAACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTGCAGCCCTTCAACTA 1087  
DB 1151 TGTTAACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAATCTGCAGCCCTTCAACTA 1210  
QY 1088 TGAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAAGGGAATGAAG-A 1146  
DB 1211 TGAAGAGATAGTTTCCAGAGGGGAACTCTCATGGAGGTAAAAAAGGGAATGAAGAA 1270  
QY 1147 AATGAAAGAGGGGCTTGAAGGATGAAAAAGAGAGAGAAAGCCCTGAAGAAATGACATAGA 1206  
DB 1271 AATGAAAGAGGGGCTTGAAGGATGAAAAAGAGAGAGAAAGCCCTGAAGAAATGACATAGA 1330  
QY 1207 GGAGGAAAGCCCTGCAGAGAGATGTGTTTTTCCCTAAGGTGAATGGAAGCAGGTGAATCCG 1266  
DB 1331 GGAGGAAAGCCCTGCAGAGAGATGTGTTTTTCCCTAAGGTGAATGGAAGCAGGTGAATCCG 1390  
QY 1267 CTTGATTTCTGGTCCAAAAGAGGCTAACTTCCAAAACCTGGAACATAA--AGATTTAAA 1323  
DB 1391 CTTGATTTCTGGTCCAAAAGAGGAGCGCTAACTTCCAAAACCTGGAACATAAAGCAGATTTAAA 1450  
QY 1324 TATCTCGGTGATCGCAGCTCAATCATGGATCTGTGATCTGGAACACAGGATAGAGAA 1383  
DB 1451 TATCTCGGTGATCGCAGCTTCAATCATGGATCTGTGATCTGGAACACAGGATAGAGAA 1510  
QY 1384 TGATTTGATCGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCC 1443  
DB 1511 TGATTTGATCGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCC 1570  
QY 1444 GGCCTTGGCAGGTCAAAAGAGACATTTGGCGGATGGAACCTTCTCTACCTGACCTGCA 1503  
DB 1571 GGCCTTGGCAGGTCAAAAGAGACATTTGGCGGATGGAACCTTCTCTACCTGACCTGCA 1630  
QY 1504 ACCCAAAACCACTTCTGTTTGTCTTTGATTAACCGGCTGGCCGAGACAAAGTCGGAA 1563  
DB 1631 ACCCAAAACCACTTCTGTTTGTCTTTGATTAACCGGCTGGCCGAGACAAAGTCGGAA 1690  
QY 1564 ACTTCAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAGACCAAGTGA 1623  
DB 1691 ACTTCAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGGAGAGACCAAGTGA 1750  
QY 1624 GGATGAAAGTGGAGACAGGGAATTTCAAGTTGATCAAGGAATCTGATGCTACCAAAAG 1683  
DB 1751 GGATGAAAGTGGAGACAGGGAATTTCAAGTTGATCAAGGAATCTGATGCTACCAAAAG 1810  
QY 1684 CATCATTTTGAAGCAGAACCTGGCAAGGGCAAAACCCGGCGAAATCGCAGTGGATGGCT 1743  
DB 1811 CATCATTTTGAAGCAGAACCTGGCAAGGGCAAAACCCGGCGAAATCGCAGTGGATGGCT 1870  
QY 1744 CTTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTCAATGTTACT 1803  
DB 1871 CTTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGACTCAATGTTACT 1930  
QY 1804 ATCTTTATATTTGACTTGTATGTCAAGTCCCTGGTTTTTTTGTATTTGATTCATATAGAC 1863  
DB 1931 ATCTTTATATTTGACTTGTATGTCAAGTCCCTGGTTTTTTTGTATTTGATTCATATAGAC 1990  
QY 1864 CTCTGGCATTTTAGATTAATCTAGCTGAAAAATGTAATGTAACCAACAGATATTTATGT 1923  
DB 1991 CTCTGGCATTTTAGATTAATCTAGCTGAAAAATGTAATGTAACCAACAGATATTTATGT 2050  
QY 1924 AAGATGCCCTTCTTGTATTAAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGTATC 1983



Db 961 CAAGAAGTTGTTGCTCACAACAAACACGATGAAAGAGGCGCAAAATTAATAATGTTAC 1020  
Qy 1034 CCCAGAACCCACAGGAGCTCTACCCCTAAGGTTGAACTTCGAGCCCTCAACTATGAGCA 1093  
Db 1021 CCCAGAACCCACAGGAGCTCTACCCCTAAGGTTGAACTTCGAGCCCTCAACTATGAGCA 1080  
Qy 1094 CATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAGGGAATGAGAG- AATGAA 1152  
Db 1081 CATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAGGGAATGAGAGAAATGAA 1140  
Qy 1153 AGAGGGGCTTCAGGATGAGAAAGAGAGAGAAAGCCCTCAAGAAATGACATAGAGGAGCG 1212  
Db 1141 AGAGGGGCTTCAGGATGAGAAAGAGAGAGAAAGCCCTCAAGAAATGACATAGAGGAGCG 1200  
Qy 1213 AAGCCTCGAGGAGATGTTTTCCTTAAGGTAATGAAGAGAGGTAATTCGCGCTGAT 1272  
Db 1201 AAGCCTCGAGGAGATGTTTTCCTTAAGGTAATGAAGAGAGGTAATTCGCGCTGAT 1260  
Qy 1273 TCTGTCTCAAGAGGAAGCGCTTAACCTCAAACTGGAACTAA--AGATTAAATATCTC 1329  
Db 1261 TCTGTCTCAAGAGGAAGCGCTTAACCTCAAACTGGAACTAAAGCAGATTTAAATATCTC 1320  
Qy 1330 GGTGACTGCGAGCTCAATCATGAGATCTGTGACTGGAAACAGGATAGAGAGATGATT 1389  
Db 1321 GGTGACTGCGAGCTCAATCATGAGATCTGTGACTGGAAACAGGATAGAGAGATGATT 1380  
Qy 1390 TGACTTGAATCCTGCTGATCGAGATAATGCTATTGCGCTTCTATATGSCAGTTCCGSCCTT 1449  
Db 1381 TGACTTGAATCCTGCTGATCGAGATAATGCTATTGCGCTTCTATATGSCAGTTCCGSCCTT 1440  
Qy 1450 GGCAGGTCACAAGAAAGACATATGCGCGAATGAACTTCTCTACCTGACTGCAACCCCA 1509  
Db 1441 GGCAGGTCACAAGAAAGACATATGCGCGAATGAACTTCTCTACCTGACTGCAACCCCA 1500  
Qy 1510 AAGCAACTCTCTGTTGCTCTTTGATTACCGCTGCGCGAGACAAAGTCGGGAACCTCG 1569  
Db 1501 AAGCAACTCTCTGTTGCTCTTTGATTACCGCTGCGCGAGACAAAGTCGGGAACCTCG 1560  
Qy 1570 AGTGTGTTGAAAAACAGTAAACAATGCGCTGGCATGGAGAACACACAGAGTGAGGATCA 1629  
Db 1561 AGTGTGTTGAAAAACAGTAAACAATGCGCTGGCATGGAGAACACACAGAGTGAGGATCA 1620  
Qy 1630 AAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAAGACATCAT 1689  
Db 1621 AAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAAGACATCAT 1680  
Qy 1690 TTTTGAACAGACAGTGGCAGGCGCAAAACCGGCGAAATCGCAGTGGATGGGCTCTTGTCT 1749  
Db 1681 TTTTGAACAGACAGTGGCAGGCGCAAAACCGGCGAAATCGCAGTGGATGGGCTCTTGTCT 1740  
Qy 1750 TGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTACTATCTTT 1809  
Db 1741 TGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTACTATCTTT 1800  
Qy 1810 ATATTGACTTTGATGTGCTGCTCCCTGTTTTCATATTGATTCATCATAGGACCTCTCG 1869  
Db 1801 ATATTGACTTTGATGTGCTGCTCCCTGTTTTCATATTGATTCATCATAGGACCTCTCG 1860  
Qy 1870 CATTTAGAAATACAGCTGAAATTTGTAATGACCAACAGAAATATTATTGTAAGATG 1929  
Db 1861 CATTTAGAAATACAGCTGAAATTTGTAATGACCAACAGAAATATTATTGTAAGATG 1920  
Qy 1930 CCTTCTCTGTAAGATATGCAATATTGCTTTTAAATATCATATCACTGATCTCTCA 1989  
Db 1921 CCTTCTCTGTAAGATATGCAATATTGCTTTTAAATATCATATCACTGATCTCTCA 1980  
Qy 1990 GTCATTTCTGAATCTTCCNCAATTAATTAATAAATGGAANGTCAGTTATCTCCCG 2049  
Db 1981 GTCATTTCTGAATCTTCCNCAATTAATTAATAAATGGAANGTCAGTTATCTCCCG 2040  
Qy 2050 TCTCTGATATCTGATTTGATGATGTTGATGCTCTCTCTACCAACATTTCTAG 2109  
Db 2041 TCTCTGATATCTGATTTGATGATGTTGATGCTCTCTCTCTACCAACATTTCTAG 2100

Qy 2110 AAATAGAAAAAAGCAGACAGAAATGTTTAACTGTTTGACTCTTATGACTCTTTGG 2169  
Db 2101 AAATAGAAAAAAGCAGACAGAAATGTTTAACTGTTTGACTCTTATGACTCTTTGG 2160  
Qy 2170 AAATATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTTTTCATAGCA 2229  
Db 2161 AAATATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTTTTCATAGCA 2220  
Qy 2230 AACTGTGATATTT-AATTCTTTGTAATAATAA 2260  
Db 2221 AACTGTGATATTTAATTTCTTTGTAATAATAA 2252

## RESULT 47

ABX14779  
ID ABX14779 standard; cDNA; 2365 BP.

XX AC ABX14779;

XX DT 02-APR-2003 (first entry)

XX cDNA encoding novel human EGF-motif containing protein EGFL6.

XX EGF; epidermal growth factor; cancer; lung cancer; brain cancer;  
XX prostate cancer; breast cancer; skin cancer; lymphoma cancer;  
XX sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;  
XX cell proliferation inhibition; vaccine; antisense gene therapy; gene; ss;  
XX human; EGFL6.

XX Homo sapiens.

XX Key Location/Qualifiers

XX CDS 205..1866

XX /\*tag= a

XX /product= "EGFL6"

XX /note= "Novel human EGF-motif containing protein"

XX US2002132250-A1.

XX 19-SEP-2002.

XX 15-OCT-2001; 2001US-00981649.

XX 28-JUL-1999; 99US-00363316.

XX 13-OCT-2000; 2000US-00687860.

XX (FORD/) FORD J E.

XX (YEIN/) YEUNG G.

XX (ZHOU/) ZHOU H.

XX Ford JE, Yeung G, Zhou H;

XX WPI; 2003-174078/17.

XX P-PSDB; ABG72942.

XX Detecting cancerous cells expressing polynucleotides/polypeptides in  
XX samples, by contacting samples with labeled polynucleotides complementary  
XX to polynucleotide or an antibody against the polypeptide and detecting  
XX complex formed.

XX Claim 1; Page 55-57; 78pp; English.

XX The invention describes a method of detecting a cancerous cell expressing  
XX a polynucleotide (I) or a polypeptide (II) in a biological sample,  
XX involving contacting the sample with a labelled polynucleotide,  
XX complementary to (I) or an antibody or its fragment that specifically  
XX binds to (II), for a period sufficient to form a complex and detecting  
XX the complex, so that if a complex is detected, the cell is detected. The  
XX method is useful for detecting cancerous cell in a biological sample such  
XX as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal  
XX fluid. The cancerous cell is from lung, brain, prostate, breast, skin,  
XX lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF

1C -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFL6  
1C activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting  
1C proliferation of a cancer cell. This sequence encodes the novel human EGF  
1C (epidermal growth factor) motif containing protein EGFL6  
1X Sequence 2365 BP; 707 A; 481 C; 586 G; 589 T; 0 U; 2 Other;

Query Match 96.3%; Score 2177; DB 7; Length 2365;  
Best Local Similarity 99.0%; Pred. No. 0;  
Matches 2236; Conservative 2; Mismatches 15; Indels 5; Gaps 5;

1Y 8 GTGGGTGCGAGTGGAGCGGAGGCCCGAGCGGCTGAGGAGAGAGGAGCGGGCTTAGC 67  
1b 78 GTAACGCGAGTGGAGCGGAGGCCCGAGCGGCTGAGGAGAGAGGAGCGGGCTTAGC 137  
1Y 68 TGTACCGGGTCCGCGCGCGCGCTCCCGAGGGGGCTCAGAGGAGGAGGAGGACCG 127  
1b 138 TGTACCGGGTCCGCGCGCGCGCTCCCGAGGGGGCTCAGAGGAGGAGGAGGACCG 197  
1Y 128 TGGCAGATGCTGCTGCGCTGGAGCGCTGGCTCCCGCTGCTGCTCTCTCTGGTGGCAG 187  
1b 198 TGGCAGATGCTGCTGCGCTGGAGCGCTGGCTCCCGCTGCTGCTCTCTCTGGTGGCAG 257  
1Y 188 TGGTTTGGGAAACCGGCGAGTGAAGGCAATCAGGGTGTGTTAGCATCGGCAGCTCAGCC 247  
1b 258 TGGTTTGGGAAACCGGCGAGTGAAGGCAATCAGGGTGTGTTAGCATCGGCAGCTCAGCC 317  
1Y 248 TGGGGTCTGTCACTATGGAATAACTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 307  
1b 318 TGGGGTCTGTCACTATGGAATAACTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 377  
1Y 308 GGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAGTTTGGTCACTGGCTGGGACCAA 367  
1b 378 GGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAGTTTGGTCACTGGCTGGGACCAA 437  
1Y 368 CAATGCGAGTGTCTTTCAGGATACACCGGGAAACCTGCGAGTCAAGATGTAAGTGTG 427  
1b 438 CAATGCGAGTGTCTTTCAGGATACACCGGGAAACCTGCGAGTCAAGATGTAAGTGTG 497  
1Y 428 TGGATGAAACCGCGGCATCCCAACACAGATGTGTAATACACGAGAGCTTACAAGTG 487  
1b 498 TGGATGAAACCGCGGCATCCCAACACAGATGTGTAATACACGAGAGCTTACAAGTG 557  
1Y 488 CTTTGGCTCAGTGCCCACTGCTCATGCGAGATGTCACTGTGTGAACTCTAGGACATG 547  
1b 558 CTTTGGCTCAGTGCCCACTGCTCATGCGAGATGTCACTGTGTGAACTCTAGGACATG 617  
1Y 548 TGGCAGATTAACCTGTGATACAGCTGTGAGACACACAGAGAGGCGCCACAGTGCCTGTG 607  
1b 618 TGGCAGATTAACCTGTGATACAGCTGTGAGACACACAGAGAGGCGCCACAGTGCCTGTG 677  
1Y 608 TCCATCTCTCAGGACTCCGCTCGGCGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 667  
1b 678 TCCATCTCTCAGGACTCCGCTCGGCGCCCAATGGAAGAGACTGTCTAGATATTGATGAATG 737  
1Y 668 TGGCTCTGGTAAAGTCACTGTGCTCAATCGAGATGTGNAACATTTGGAGCTA 727  
1b 738 TGGCTCTGGTAAAGTCACTGTGCTCAATCGAGATGTGNAACATTTGGAGCTA 797  
1Y 728 CTACTGCAATGTCACTGTGTTTGAAGTCAATATATCAGTGGAGATATGACTGTAT 787  
1b 798 CTACTGCAATGTCACTGTGTTTGAAGTCAATATATCAGTGGAGATATGACTGTAT 857  
1Y 788 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847  
1b 858 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 917  
1Y 848 TACCAAGGGTCTTCAAGTGTAAATGACAGGGATATAAAGGCAATGCACTTCGGTG 907  
1b 918 TACCAAGGGTCTTCAAGTGTAAATGACAGGGATATAAAGGCAATGCACTTCGGTG 977  
1Y 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCTCAGAGCACTGGTACCAATCAAGA 967

Db 978 TTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCTCAGAGCACTCTGTACCATCAAGA 1037  
QY 968 CAGAATCAAGAAAGTCTCTGTCTCACAATAAAGCAGCATGAAAGAAAGAAAGAAATTAATAA 1027  
Db 1038 CAGAATCAAGAAAGTCTCTGTCTCACAATAAAGCAGCATGAAAGAAAGAAAGAAATTAATAA 1097  
QY 1028 TGTATCCCAAGAAAGTCTCTGTCTCACAATAAAGCAGCATGAAAGAAAGAAAGAAATTAATAA 1087  
Db 1098 TGTATCCCAAGAAAGTCTCTGTCTCACAATAAAGCAGCATGAAAGAAAGAAAGAAATTAATAA 1157  
QY 1088 TGAAGAGATAGTTTCCAGAGAGGCGGAACTCTCATGAGAGTAAAGAAAGGAAATGAAGAG-A 1146  
Db 1158 TGAAGAGATAGTTTCCAGAGAGGCGGAACTCTCATGAGAGTAAAGAAAGGAAATGAAGAGAA 1217  
QY 1147 AATGAAGAGAGGCGGTTGAGAGATGAGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1206  
Db 1218 AATGAAGAGAGGCGGTTGAGAGATGAGAGAAAGAGAGAGAAAGCCCTGAAGATGACATAGA 1277  
QY 1207 GGAGCGAAGCTCTCGAGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGAATTCGG 1266  
Db 1278 GGAGCGAAGCTCTCGAGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGAATTCGG 1337  
QY 1267 CTTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTTAAATAT 1326  
Db 1338 CTTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTTAAATAT 1397  
QY 1327 CTGGTTGACTGCGAGCTTCAATCATCGGATCTGTGATCTGAAACAGGATAGAGAGATGA 1386  
Db 1398 CTGGTTGACTGCGAGCTTCAATCATCGGATCTGTGATCTGAAACAGGATAGAGAGATGA 1457  
QY 1387 TTTTGAATCGAAATCTCTGCTGATCGAGATTAATGCTATATGCTTCTATATGCGAGTTCCGGC 1446  
Db 1458 TTTTGAATCGAAATCTCTGCTGATCGAGATTAATGCTATATGCTTCTATATGCGAGTTCCGGC 1517  
QY 1447 CTTGGCAGGTCAAGAGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGAGCTCAACCC 1506  
Db 1518 CTTGGCAGGTCAAGAGAAAGACATTTGGCGGATTTGAACTTCTCTACCTGAGCTCAACCC 1577  
QY 1507 CCAAAGCAACTCTCTGTTGCTCTTTGATTTACCGGCTGGCGGAGACAAAGTCCGGAACT 1566  
Db 1578 CCAAAGCAACTCTCTGTTGCTCTTTGATTTACCGGCTGGCGGAGACAAAGTCCGGAACT 1637  
QY 1567 TCGAGTGTGTTGTAAGAAACAGTAAACATGCTGCTGGCATGGGAGAGACCAAGGTGAGGA 1626  
Db 1638 TCGAGTGTGTTGTAAGAAACAGTAAACATGCTGCTGGCATGGGAGAGACCAAGGTGAGGA 1697  
QY 1627 TGAAGTGTGAAGACAGGGAATAATCAGTTGTATCAAGAACTGTGCTTACCAAAAGCAT 1686  
Db 1698 TGAAGTGTGAAGACAGGGAATAATCAGTTGTATCAAGAACTGTGCTTACCAAAAGCAT 1757  
QY 1687 CATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGGCGTCTT 1746  
Db 1758 CATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGGCGTCTT 1817  
QY 1747 GCTTGTCTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTACTATC 1806  
Db 1818 GCTTGTCTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTACTATC 1877  
QY 1807 TTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGTGATTTGTCATCATTAGACCTC 1866  
Db 1878 TTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGTGATTTGTCATCATTAGACCTC 1937  
QY 1867 TGGCATTTTGAATACT-AGCTGAAATTTGTAATGTAACCAACAGAAA-TATTATTGTA 1924  
Db 1938 TGGCATTTTGAATACTAGCTGAAATTTGTAATGTAACCAACAGAAA-TATTATTGTA 1997  
QY 1925 AGATGCTCTTCTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGTATCT 1984  
Db 1998 AGATGCTCTTCTGTATAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGTATCT 2057  
QY 1985 TCTCAGTCACTTCTGATCTTCCNCAATATATATAAATTTGGAAGTCA-GTTTTAT 2043  
Db 2058 TCTCAGTCACTTCTGATCTTCCCAATATATATATAAATTTGGAATGTGAGTTTAT 2117

QY 2044 CTCCTCTCTGCTATATCTGATTTGTATANGTANGTGTGCTCTCTCTACACAT 2103  
DB 2118 CTCCTCTCTGCTATATCTGATTTGTATAGTAAAGTTGATGAGCTCTCTCTGCAACAT 2177  
QY 2104 TTCTAGAAAAATGAAAAAAGCAGAGAAATGTTAACTGTTTGAATCTTTATGATCT 2163  
DB 2178 TTCTAGAAAAATGAAAAAAGCAGAGAAATGTTAACTGTTTGAATCTTTATGATCT 2237  
QY 2164 TCTTGGAACTATGACATCAAGAGATAGACTTTTGCCTAAGTGGCTTACCTGGCTTTTCA 2223  
DB 2238 TTTTGGAACTATGACATCAAGAGATAGACTTTTGCCTAAGTGGCTTACCTGGCTTTTCA 2297  
QY 2224 TAGCCAACTCTGATATTTT-AACTTTTGTAAATAA 2260  
DB 2298 TAGCCAACTCTGATATTTAAATTTCTTTGTAATAATA 2335

## RESULT 48

AAU43901  
ID AAL43901 standard; cDNA; 2365 BP.  
XX  
AC AAL43901;  
DT 19-SEP-2002 (first entry)  
XX  
DE Human EGF motif-containing protein coding sequence, SEQ ID NO 23.  
XX  
KW Human; gene; ss; epidermal growth factor motif; EGF motif; EGF6;  
KW epidermal tissue growth; tissue repair; tissue regeneration;  
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;  
KW nervous system disorder; infection; autoimmune disorder; inflammation;  
KW multiple sclerosis; anaemia; periodontal disease; haemophilia;  
KW fertility enhancement.  
XX  
OS Homo sapiens.  
FH Key  
FT 205..1866  
FT CDS  
FT /\*tag= a  
FT /product= "Human EGF motif-containing protein SEQ ID #24"  
XX  
PN WO200230977-A2.  
XX  
PD 18-APR-2002.  
XX  
PF 15-OCT-2001; 2001WO-US032257.  
XX  
PR 13-OCT-2000; 2000US-00687860.  
XX  
XX (HYSB-) HYSEQ INC.  
XX  
PI Asundi V, Ford JE, Drmanac RT, Liu C, Yamasaki V, Yeung G;  
PI Tang Ty, Zhang J, Zhou P, Zhou H;  
XX  
DR WPI; 2002-426270/45.  
XX P-PSDB; AAO15368.  
XX  
PT Novel isolated epidermal growth factor motif polypeptide, termed EGF6,  
PT for treating cancer, nervous system disorders, immune deficiencies,  
PT autoimmune disorders, coagulation disorders and inflammatory conditions.  
XX  
PS Claim 24; Page 167-169; 183pp; English.  
XX  
CC The invention comprises the amino acid and coding sequences of human  
CC epidermal growth factor (EGF) motif-containing proteins (EGF6 proteins).  
CC The DNA and protein sequences of the invention are useful for inhibiting  
CC the proliferation of cells expressing an EGF6 protein. The DNA and  
CC protein sequences of the invention are useful for stimulating epithelial  
CC tissue growth, for tissue repair and regeneration, corneal transplant  
CC healing, skin graft production and wound healing. The DNA and protein  
CC sequences are useful for treating cancer, leukaemia, nervous system  
CC disorders, infection, autoimmune disorders (e.g. multiple sclerosis),

CC anaemia, periodontal diseases, haemophilia, inflammatory conditions, and  
CC for effecting bodily characteristics and fertility of male or female  
CC subjects. The present cDNA sequence encodes a human EGF motif-containing  
CC protein  
XX  
SQ Sequence 2365 BP; 707 A; 480 C; 586 G; 589 T; 0 U; 3 Other;  
Query Match 96.3%; Score 2176.6; DB 6; Length 2365;  
Best Local Similarity 99.0%; Pred. No. 0;  
Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;  
QY 8 GTGGGTGGAGTGGAGCGGAGGACCGGCGGTGAGGAGAGAGGAGGCGGGCTTAGC 67  
DB 78 GTAACTGGAGTGGAGCGGAGGACCGGCGGTGAGGAGAGAGGAGGCGGGCTTAGC 137  
QY 68 TGCTACGGGGTCCGGCGCGGCGCTCCGAGAGGGGCTCAGAGAGAGAGAGAGAGAGAG 127  
DB 138 TGCTACGGGGTCCGGCGCGGCGCTCCGAGAGGGGCTCAGAGAGAGAGAGAGAGAGAG 197  
QY 128 TGGGAGATGCTCTGCGCTGGAGCCTTGGCGCTCCGCTGCTCTCTCTGGTGGCAGG 187  
DB 198 TGGGAGATGCTCTGCGCTGGAGCCTTGGCGCTCCGCTGCTCTCTCTGGTGGCAGG 257  
QY 188 TGGTTTGGGAAACCGGCGCGGCGAGTGCAGGCGATCACGGGTTGTTAGCATCGGCGAGCC 247  
DB 258 TGGTTTGGGAAACCGGCGCGGCGAGTGCAGGCGATCACGGGTTGTTAGCATCGGCGAGCC 317  
QY 248 TGGGCTCTCTCATATGGAATAAACTGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 307  
DB 318 TGGGCTCTCTCATATGGAATAAACTGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 377  
QY 308 GGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAGTTTGGTGAGTGGTGGGACCAA 367  
DB 378 GGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAGTTTGGTGAGTGGTGGGACCAA 437  
QY 368 CAATGCGAGTGTCTTCCAGGATACCGGGGAAACCTGCGAGTCAAGATGTGAATGAGTG 427  
DB 438 CAATGCGAGTGTCTTCCAGGATACCGGGGAAACCTGCGAGTCAAGATGTGAATGAGTG 497  
QY 428 TGAATGAAACCCCGGCGCATGCCAACACAGATGTGTAATACACACGGAAGCTTACAAGTG 487  
DB 498 TGAATGAAACCCCGGCGCATGCCAACACAGATGTGTAATACACACGGAAGCTTACAAGTG 557  
QY 488 CTCTTGGCTCAGTGGGCGCATGCTCATGCGAGATGCTGCTGTGTGTAAGTCTAGGACATG 547  
DB 558 CTCTTGGCTCAGTGGGCGCATGCTCATGCGAGATGCTGCTGTGTGTAAGTCTAGGACATG 617  
QY 548 TGCCATGATAAAGTGTCAAGTACAGCTGTGAAGACACACAGAGAGGGGCCACAGTCCCTGTG 607  
DB 618 TGCCATGATAAAGTGTCAAGTACAGCTGTGAAGACACACAGAGAGGGGCCACAGTCCCTGTG 677  
QY 608 TCCATCTCAGGACTCCGCGCTGGCCCAATGGAAGAGACTGCTCTAGATATTGATGATG 667  
DB 678 TCCATCTCAGGACTCCGCGCTGGCCCAATGGAAGAGACTGCTCTAGATATTGATGATG 737  
QY 668 TGCCCTCTGGTAAAGTCACTCTCTCTCAATCGAAGATGTGTAACACATTTGGAGCTA 727  
DB 738 TGCCCTCTGGTAAAGTCACTCTCTCTCAATCGAAGATGTGTAACACATTTGGAGCTA 797  
QY 728 CTATGCAAAATGTCAATTTGTTTGGAACTCGCAATATATCAGTGGAGCATATGACTGTAT 787  
DB 798 CTATGCAAAATGTCAATTTGTTTGGAACTCGCAATATATCAGTGGAGCATATGACTGTAT 857  
QY 788 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 847  
DB 858 AGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 917  
QY 848 TACCAAGAGGGCTCTTCAAGTGTAAATCAAGCAGGATATAAAGGCAATGCACTTCGGTG 907  
DB 918 TACCAAGAGGGCTCTTCAAGTGTAAATCAAGCAGGATATAAAGGCAATGCACTTCGGTG 977  
QY 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAGAGTCTCTCAGAGCCTCTGTTACCATCAAGA 967



978 TTCTGCTATCCCTGAAATTCGTGAGGAAGTCTCTCAGAGCAGCTGGTACCATCAAGA 1037  
968 CAGAAATCAAGAGTGTCTGCTCAAAACACAGCTGAAAAGAGGCAAAATTAATAA 1027  
1038 CAGAAATCAAGAGTGTCTGCTCAAAACACAGCTGAAAAGAGGCAAAATTAATAA 1097  
1028 TGTATACCCAGAAACCCACAGGACTCTCCCTCAAGGTGAATTCAGCCCTTCAACTA 1087  
1098 TGTATACCCAGAAACCCACAGGACTCTCCCTCAAGGTGAATTCAGCCCTTCAACTA 1157  
1088 TGAAGAGATAGTTTCCAGAGCGGGAATCTCATGAGGTGAAAAGAGGAAATGAAGAG-A 1146  
1158 TGAAGAGATAGTTTCCAGAGCGGGAATCTCATGAGGTGAAAAGAGGAAATGAAGAG 1217  
1147 AATGAAGAGGGGCTTCAGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206  
1218 AATGAAGAGGGGCTTCAGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1277  
1207 GGAGCGAAGCCCTGCGAGAGAGATGTTTTTCCCTTAAGTGAATGAAGAGAGAGAGAG 1266  
1278 GGAGCGAAGCCCTGCGAGAGAGATGTTTTTCCCTTAAGTGAATGAAGAGAGAGAGAG 1337  
1267 CTTGATCTGCTGCAAG 1326  
1338 CTTGATCTGCTGCAAG 1397  
1327 CTCGGTTGACTGCAAG 1386  
1398 CTCGGTTGACTGCAAG 1457  
1387 TTTTGACTGGAATCTCTGATGAGAGATGCTTATTTGGCTTCTATATGCGAGTCCGGC 1446  
1458 TTTTGACTGGAATCTCTGATGAGAGATGCTTATTTGGCTTCTATATGCGAGTCCGGC 1517  
1447 CTTGGCAGGTCAAG 1506  
1518 CTTGGCAGGTCAAG 1577  
1507 CCAAGAGCACTCTGTTGCTTCTTGTATACCGCTGCGCGAGAGAGAGAGAGAGAGAG 1566  
1578 CCAAGAGCACTCTGTTGCTTCTTGTATACCGCTGCGCGAGAGAGAGAGAGAGAGAG 1637  
1567 TCGAGTGTGTTGAAAACAGTAAACAATGCCCTGGCATGGGAGAGAGAGAGAGAGAGAG 1626  
1638 TCGAGTGTGTTGAAAACAGTAAACAATGCCCTGGCATGGGAGAGAGAGAGAGAGAGAG 1697  
1627 TGAAGAGTGGAG 1686  
1698 TGAAGAGTGGAG 1757  
1687 CATTTTTCAG 1746  
1758 CATTTTTCAG 1817  
1747 GCTTGTTCAGAGCTTATGTCAGATAGCCTTTATCTGTGATGAGTGAATGTTACTATC 1806  
1818 GCTTGTTCAGAGCTTATGTCAGATAGCCTTTATCTGTGATGAGTGAATGTTACTATC 1877  
1807 TTTATATTTGACTTTGATGTCAGTTCCTGCTGTTTTTGTGATTTGATCATAGGAGCTC 1866  
1878 TTTATATTTGACTTTGATGTCAGTTCCTGCTGTTTTTGTGATTTGATCATAGGAGCTC 1937  
1867 TGGCATTTTAGAATTAAT-AGCTGAAAATTTGTAATGTACCAAGAGAA-TATTATTGTA 1924  
1938 TGGCATTTTAGAATTAAT-AGCTGAAAATTTGTAATGTACCAAGAGAA-TATTATTGTA 1997  
1925 AGATGCTTTCTGTTGATAGATATGCCAATATTTGCTTTAAATATCATATCACTGTATCT 1984  
1998 AGATGCTTTCTGTTGATAGATATGCCAATATTTGCTTTAAATATCATATCACTGTATCT 2057  
1985 TCTCAGTCAATTTCTGAATCTTTCCCATATATATATATAAAATNTGGAAGATCA-GTTTAT 2043  
2058 TCTCAGTCAATTTCTGAATCTTTCCCATATATATATATAAAATNTGGAAGATTTAT 2117

QY 2044 CTCCCTCTCTCTGATATATCTGATTTGTATANGTGTGATGCTTCTCTCAACAAT 2103  
Db 2118 CTCCCTCTCTCTGATATATCTGATTTGTATPAAGTGAAGTCTCTCTGCAACAAT 2177  
QY 2104 TTCTAGAAAATAGAAAAAAGCAGACAGAAAATGTTTAACTCTTTGACTCTTATGACT 2163  
Db 2178 TTCTAGAAAATAGAAAAAAGCAGACAGAAAATGTTTAACTCTTTGACTCTTATGACT 2237  
QY 2164 TCTTGGAACTATGACATCAAAAGATAGACTTTTGCTAAGTGGCTTAGCTGGTCTTTCA 2223  
Db 2238 TTTTGGAACTATGACATCAAAAGATAGACTTTTGCTAAGTGGCTTAGCTGGTCTTTCA 2297  
QY 2224 TAGCCAAACTTGTATATTT-AAATCTTTTGTATAATAATAA 2260  
Db 2298 TAGCCAAACTTGTATATTTAAATCTTTTGTATAATAATAA 2335

RESULT 49  
AAD44343  
ID AAD44343 standard; cDNA; 2365 BP.  
XX  
AC AAD44343;  
XX  
DT 13-DEC-2002 (first entry)  
XX  
DE Human epidermal growth factor (EGF)-repeat containing cDNA #4.  
XX  
KW Human; antibody; epidermal growth factor; EGF repeat; brain tumour;  
KW nervous disorder; ulcer; leukaemia; gene; ss.  
XX  
OS Homo sapiens.  
XX  
FH Key Location/Qualifiers  
FT CDS 205..1866  
FT /tag= a  
FT /product= "Human EGF-repeat containing protein"  
FT sig\_peptide 205..267  
FT /tag= b  
FT mat\_peptide 268..1863  
FT /tag= c  
FT /product= "Mature human EGF-repeat containing protein"  
XX  
FN US6392019-B1.  
XX  
PD 21-MAY-2002.  
XX  
PF 28-JUL-1999; 99US-00363316.  
XX  
PR 22-NOV-1997; 97US-00968800.  
PR 12-FEB-1999; 99US-00249697.  
XX  
PA (FORD/) FORD J.  
PA (YEUN/) YEUNG G.  
XX  
PI Ford J, Yeung G;  
XX  
DR WPI; 2002-424836/45.  
XX P-PSDB; AAE26506.  
XX  
PT Novel antibody specific for an epidermal growth factor repeat-containing  
PT polypeptide, useful for the diagnosis of brain tumors, ulcers, leukemias,  
PT and nervous disorders.  
XX  
PS Example 2; Col 85-90; 92pp; English.  
XX  
CC The invention relates to an antibody specific for a 537 residue epidermal  
CC growth factor (EGF) repeat-containing polypeptide sequence. The invention  
CC is used for detecting the presence of EGF repeat containing polypeptides  
CC in a sample, in the diagnosis of brain tumours, nervous disorders,  
CC ulcers, and leukaemias. The present sequence is human EGF-repeat  
CC containing cDNA  
XX

SQ Sequence 2365 BP; 707 A; 480 C; 586 G; 589 T; 0 U; 3 Other;									
Query Match 96.3%; Score 2176.6; DB 6; Length 2365;									
Best Local Similarity 99.0%; Pred. No. 0;									
Matches 2235; Conservative 3; Mismatches 15; Indels 5; Gaps 5;									
QY	8	GTGGGTGCGAGTGGAGCGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGCGCTTAGC	67						
DB	78	GTAACTGCGAGTGGAGCGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGCGCTTAGC	137						
QY	68	TGCTACGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGACCCG	127						
DB	138	TGCTACGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGAGGACCCG	197						
QY	128	TGCGAAGATGCTCTGCTGCTGAGCTTGGCGCTCCCGCTGCTGCTCTCTCTGGGTGGCAGG	187						
DB	198	TGCGAAGATGCTCTGCTGCTGAGCTTGGCGCTCCCGCTGCTGCTCTCTCTGGGTGGCAGG	257						
QY	188	TGGTTTGGGAAACCGGCGCAGTGCAGGCATCAGGGTTGTAGCATCGGCAGTCAACC	247						
DB	258	TGGTTTGGGAAACCGGCGCAGTGCAGGCATCAGGGTTGTAGCATCGGCAGTCAACC	317						
QY	248	TGGGGTCTGTCACTATGAACTAAACTGGCTGCTGCTACCGCTGGAGAGAGAAACAGCAA	307						
DB	318	TGGGGTCTGTCACTATGAACTAAACTGGCTGCTGCTACCGCTGGAGAGAGAAACAGCAA	377						
QY	308	GGGAGTCTGTGAAGCTACATGCGAAACCTGGATGTAAAGTTTGGTGAAGTGGTGGGACCAA	367						
DB	378	GGGAGTCTGTGAAGCTACATGCGAAACCTGGATGTAAAGTTTGGTGAAGTGGTGGGACCAA	437						
QY	368	CAAAATGCAGATGCTTTCAGAGTACACCGGGAACCTGCGAGTCAAGATGTGAATGAGTG	427						
DB	438	CAAAATGCAGATGCTTTCAGAGTACACCGGGAACCTGCGAGTCAAGATGTGAATGAGTG	497						
QY	428	TGGAATGAAGAACCCCGGCGATGCGAAACAGATGTGTGAATACACACGGAGCTACAGATG	487						
DB	498	TGGAATGAAGAACCCCGGCGATGCGAAACAGATGTGTGAATACACACGGAGCTACAGATG	557						
QY	488	CTTTTGGCTCAGTGGGCGACATGCTCATGCGAGTCTACGTGTGTGAATCTTAGGACATG	547						
DB	558	CTTTTGGCTCAGTGGGCGACATGCTCATGCGAGTCTACGTGTGTGAATCTTAGGACATG	617						
QY	548	TGCCATGATTAATGTGCTAGTACAGTGTGTGAAGACACAGAGAGAGGCGCACAGTCCCTGTG	607						
DB	618	TGCCATGATTAATGTGCTAGTACAGTGTGTGAAGACACAGAGAGAGGCGCACAGTCCCTGTG	677						
QY	608	TCCATCTCAGGACTCCGCTCGCCCAAAATGGAAGACATGCTAGATATTGATGAATG	667						
DB	678	TCCATCTCAGGACTCCGCTCGCCCAAAATGGAAGACATGCTAGATATTGATGAATG	737						
QY	668	TGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTTGGAAGCTA	727						
DB	738	TGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTTGGAAGCTA	797						
QY	728	CTACTGCAAAATGTCAGTTGGTTTGGAACTGCAATATATCAGTGGAGCATATGCTGTAT	787						
DB	798	CTACTGCAAAATGTCAGTTGGTTTGGAACTGCAATATATCAGTGGAGCATATGCTGTAT	857						
QY	788	AGATATAAATGAATGATATGATAGGACCAATACGTGCGAGCCACCATGCGCAATTCCTCAA	847						
DB	858	AGATATAAATGAATGATATGATAGGACCAATACGTGCGAGCCACCATGCGCAATTCCTCAA	917						
QY	848	TACCAAGGGTCTTCAAGTGAATATGAGCAGGAGATTAAGGCATATGCACTTCGGTG	907						
DB	918	TACCAAGGGTCTTCAAGTGAATATGAGCAGGAGATTAAGGCATATGCACTTCGGTG	977						
QY	908	TTCTGTATCCCTGAAATCTGTGAAGGAAGTCTCAGAGCACCTCGGTACCATCAAGA	967						
DB	978	TTCTGTATCCCTGAAATCTGTGAAGGAAGTCTCAGAGCACCTCGGTACCATCAAGA	1037						
QY	968	CAGAAATCAAGAGTGGTGGTCTCAAAAACAGCATGAAAAAGAGGCGCAAAATTAATAA	1027						
DB	1038	CAGAAATCAAGAGTGGTGGTCTCAAAAACAGCATGAAAAAGAGGCGCAAAATTAATAA	1097						

QY	1028	TGTTACCCCAAGAACCCACACAGGACTCTACCCCTAAGGTGAACCTTGACGCCCTTCAACTA	1087						
DB	1098	TGTTACCCCAAGAACCCACACAGGACTCTACCCCTAAGGTGAACCTTGACGCCCTTCAACTA	1157						
QY	1088	TGAAGAGATAGTTTCCAGAGCGCGGAACTCTCATGAGGTAAAGAGGGAATGAGAGAG-A	1146						
DB	1158	TGAAGAGATAGTTTCCAGAGCGCGGAACTCTCATGAGGTAAAGAGGGAATGAGAGAGAA	1217						
QY	1147	AATCAAGAGAGGGGCTTGAGGATGAGAAAAGAGAGAAAGCCCTGAAGAATGACATAGA	1206						
DB	1218	AATGAAGAGAGGGGCTTGAGGATGAGAAAAGAGAGAAAGCCCTGAAGAATGACATAGA	1277						
QY	1207	GGAGCGAAGCTCGGAGGAGATGTGTTTCCCTAAGGTGAATGAGAGCAGGTGAATTCGG	1266						
DB	1278	GGAGCGAAGCTCGGAGGAGATGTGTTTCCCTAAGGTGAATGAGAGCAGGTGAATTCGG	1337						
QY	1267	CCTGATCTGCTGCAAGAGAAAGCGCTAACTTCCAACTGGAACTAAAGATTTAAATAT	1326						
DB	1338	CCTGATCTGCTGCAAGAGAAAGCGCTAACTTCCAACTGGAACTAAAGATTTAAATAT	1397						
QY	1327	CTCGGTTGACTGCGAGCTTCAATCATGCGGATCTGTGACTGGAAAACAGGATAGAGAATGA	1386						
DB	1398	CTCGGTTGACTGCGAGCTTCAATCATGCGGATCTGTGACTGGAAAACAGGATAGAGAATGA	1457						
QY	1387	TTTTGACTTGGAACTCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCCGGC	1446						
DB	1458	TTTTGACTTGGAACTCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGTTCCGGC	1517						
QY	1447	CTTGCGAGGTCACAGAAAAGACATTTGCGCGAATGAAACTTTCTCTACCTGACCTGCAACC	1506						
DB	1518	CTTGCGAGGTCACAGAAAAGACATTTGCGCGAATGAAACTTTCTCTACCTGACCTGCAACC	1577						
QY	1507	CCAAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGACAAAGTCGGGAAACT	1566						
DB	1578	CCAAAGCAACTTCTGTTTGTCTTTGATTACCGGCTGGCGGAGACAAAGTCGGGAAACT	1637						
QY	1567	TCGAGTGTGTTGTGAAAACAGTAAACATGCCCCTGGCATGGGAGAGACCAACGAGTGAGGA	1626						
DB	1638	TCGAGTGTGTTGTGAAAACAGTAAACATGCCCCTGGCATGGGAGAGACCAACGAGTGAGGA	1697						
QY	1627	TGAAAAGTGGAGAGACGGGAAATTCAGTTGTATCAGGGAACCTGATGCTACCAAAAGCAT	1686						
DB	1698	TGAAAAGTGGAGAGACGGGAAATTCAGTTGTATCAGGGAACCTGATGCTACCAAAAGCAT	1757						
QY	1687	CAATTTTGAAGCAGACAGTGGCAAGGGGCAAAACCGGCGAAATCGCAGTGGATGCGCTTT	1746						
DB	1758	CAATTTTGAAGCAGACAGTGGCAAGGGGCAAAACCGGCGAAATCGCAGTGGATGCGCTTT	1817						
QY	1747	GCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGATGTACTATC	1806						
DB	1818	GCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGATGTACTATC	1877						
QY	1807	TTTATATTGACTTTGTATGTGCTTCCCTGGTTTATTTTGGATATTGCATCATAGGACCTC	1866						
DB	1878	TTTATATTGACTTTGTATGTGCTTCCCTGGTTTATTTTGGATATTGSATCATAGGACCTC	1937						
QY	1867	TGGCAATTTAGAAATTAAT-AGCTGAAAATTTGATGTAACACAGAGAA-TAATATTGTA	1924						
DB	1938	TGGCAATTTAAATTTACTAAGCTGAAAATTTGTAATGTAACACAGAGAAATTTAATTGTA	1997						
QY	1925	AGATGCCCTTCTTGTATAAGATATGCCAATATTGCTTTAAATATCATATCATCTGTATCT	1984						
DB	1998	AGATGCCCTTCTTGTATAAGATATGCCAATATTGCTTTAAATATCATATCATCTGTATCT	2057						
QY	1985	TCTCAGTCATTTCTGAAATCTTTTCNCGATATATTATAAAAATNTGGAANGTCA-GTTTAT	2043						
DB	2058	TCTCAGTCATTTCTGAAATCTTTTCCACATTAATTATAAAAATATGGAATGTGAGGTTAT	2117						
QY	2044	CTCCCTCTCTGNGTATATCTGATTTGTATANGTGTGATGNGCTTCTCTCTACACAT	2103						
DB	2118	CTCCCTCTCTCAGTATATCTGATTTGTATAAGTAAGTTGATGAGCTTCTCTCTGACAT	2177						



QY 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCAGAGCACTCGTACCATCAAAGA 967  
Db 978 TTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCAGAGCACTCGTACCATCAAAGA 1037  
QY 968 CAGAAATCAAGAAGTTGCTTGTCTCACAATAACAGCATGAAGAAAGCAAAAAATTAAAAA 1027  
Db 1038 CAGAAATCAAGAAGTTGCTTGTCTCACAATAACAGCATGAAGAAAGCAAAAAATTAAAAA 1097  
QY 1028 TGTATCCCAAGAACCCACAGAGCTCTTACCCCTTAAGTGAACCTTGAGGCCCTTCAACTA 1087  
Db 1098 TGTATCCCAAGAACCCACAGAGCTCTTACCCCTTAAGTGAACCTTGAGGCCCTTCAACTA 1157  
QY 1088 TGAAGAGATAGTTTCCAGAGCGGGAATCTCATCGAGGTAAAGAAAGGAATGAAGAA 1146  
Db 1158 TGAAGAGATAGTTTCCAGAGCGGGAATCTCATCGAGGTAAAGAAAGGAATGAAGAA 1217  
QY 1147 AATGAAGAAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTTGAGAAATGACATAGA 1206  
Db 1218 AATGAAGAAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTTGAGAAATGACATAGA 1277  
QY 1207 GGAGCGAAGCCCTGCGAGGAGATGTGTTTCCCTTAAGGTGAATGAAGCAGGTGAATTCGG 1266  
Db 1278 GGAGCGAAGCCCTGCGAGGAGATGTGTTTCCCTTAAGGTGAATGAAGCAGGTGAATTCGG 1337  
QY 1267 CCTGATTCCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTTAAATAT 1326  
Db 1338 CCTGATTCCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTTAAATAT 1397  
QY 1327 CTCGGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAATGA 1386  
Db 1398 CTCGGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGAATGA 1457  
QY 1387 TTTTGTACTGGAAATCCCTGATCGAGATTAATCTATTGGCTTCTATATGGCAGTTCGGC 1446  
Db 1458 TTTTGTACTGGAAATCCCTGATCGAGATTAATCTATTGGCTTCTATATGGCAGTTCGGC 1517  
QY 1447 CTGCGAGGTCAAGAAAGAGATTTGGCCGATGTAATCTTCTCTTACCTGACCTGGAACC 1506  
Db 1518 CTGCGAGGTCAAGAAAGAGATTTGGCCGATGTAATCTTCTCTTACCTGACCTGGAACC 1577  
QY 1507 CCAAGCAACTCTGTTGCTCTTTGATTAACCGGCTGGCCGAGACAAAGTCGGGAACT 1566  
Db 1578 CCAAGCAACTCTGTTGCTCTTTGATTAACCGGCTGGCCGAGACAAAGTCGGGAACT 1637  
QY 1567 TCGAGTGTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGAGCAAGATGAGGA 1626  
Db 1638 TCGAGTGTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGAGCAAGATGAGGA 1697  
QY 1627 TGAAGAGTGAAGACAGGGAATTCAGTTGATCAAGGAACCTGATGCTACCAAAAGCAT 1686  
Db 1698 TGAAGAGTGAAGACAGGGAATTCAGTTGATCAAGGAACCTGATGCTACCAAAAGCAT 1757  
QY 1687 CATTTTGAAGCAGAACGTGGCAAGGGCAAAAACCGCGAAATCGCAGTGGATGGCGTCTT 1746  
Db 1758 CATTTTGAAGCAGAACGTGGCAAGGGCAAAAACCGCGAAATCGCAGTGGATGGCGTCTT 1817  
QY 1747 GCTGTTTCAAGCTTATGTCAGATAGCTTTTCTGTTGGATGACTGAATGTTACTATC 1806  
Db 1818 GCTGTTTCAAGCTTATGTCAGATAGCTTTTCTGTTGGATGACTGAATGTTACTATC 1877  
QY 1807 TTTATATTGACCTTGTATGTCAGTTCCTCGTGTGTTTTTTTGTATTTGATTCATAGGACCTC 1866  
Db 1878 TTTATATTGACCTTGTATGTCAGTTCCTCGTGTGTTTTTTTGTATTTGATTCATAGGACCTC 1937  
QY 1867 TGGCAATTTAGATTAATCT-AGCTGAAAAATTTGATGTTACCAACAGAAA-TATTTATTGTA 1924  
Db 1938 TGGCAATTTAGATTAATCTAGCTGAAAAATTTGATGTTACCAACAGAAA-TATTTATTGTA 1997  
QY 1925 AGATGCTTTCTTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGTATCT 1984  
Db 1998 AGATGCTTTTGTATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGTATCT 2057

QY 1985 TCTCAGTCATTTCTGAATCTTTCNCATATATATATAAAATNTGGAAANGTCA-GTTTAT 2043  
Db 2058 TCTCAGTCATTTCTGAATCTTTCOCATATATATATAAAATATGGAATATGTCAGGTTTAT 2117  
QY 2044 CTCCTCCTCCTCNGTATATCTGATTTGTATANGTANGTCTTCTCTTACCAACAT 2103  
Db 2118 CTCCTCCTCCTCAGTATATCTGATTTGTATAAGTAAGTTGATGAGCTTCTCTCTGCAACAT 2177  
QY 2104 TTCTGAAAAATAGAAAAAAGCAAGCAAGAAATGTTTAACTGTTTGACTCTTATGATCT 2163  
Db 2178 TTCTGAAAAATAGAAAAAAGCAAGCAAGAAATGTTTAACTGTTTGACTCTTATGATAGT 2237  
QY 2164 TCTTGGAAACTATGACATCAAGATAGACTTTTGCCTTAACTGCTAGCTGGTCTTTTCA 2223  
Db 2238 TTTTGGAAACTATGACATCAAGATAGACTTTTGCCTTAACTGCTAGCTGGTCTTTTCA 2297  
QY 2224 TAGCCAAACTTGTATATTTT-AACTTTTGTAAATAA 2260  
Db 2298 TAGCCAAACTTGTATATTTAAATTTCTTTGTAATAA 2335

## RESULT 51

AAK79501  
ID AAK79501 standard; DNA; 2365 BP.

XX AC AAX79501;

XX DT 10-AUG-1999 (first entry)

XX DE CDNA insert of clone pEGFR-HY2.

XX KW Epidermal growth factor; EGF repeat domain; haematopoiesis regulator;

XX KW tissue growth activity; activin; inhibin; chemotaxis; chemokinesis;

XX KW haemostasis; thrombolysis; anti-inflammatory; leukaemia; anaemia;

XX KW immune disorder; immune deficiency; nervous system disorder; therapy; ss.

XX OS Synthetic.

XX PN WO9927096-A1.

XX PD 03-JUN-1999.

XX PF 23-NOV-1998; 98WO-US024524.

XX PR 22-NOV-1997; 97US-00968800.

XX PA (HYSE-) HYSEQ INC.

XX PI Drmanac RT, Crkvenjakov R, Dickson M, Drmanac S, Labat I;

XX PI Leshkowitz D, Kita D, Ford J;

XX DR WPI; 1999-370904/31.

XX DR P-PSDB; AAY18108.

XX This sequence represents the cDNA insert of clone pEGFR-HY2, and encodes

XX a polypeptide of the invention, which has similarity to epidermal growth

XX factor (EGF) repeat domains. The polypeptides and their compositions may

XX have haematopoiesis regulating, tissue growth, activin/inhibin,

XX chemotactic/chemokinetic, haemostatic, thrombolytic, receptor/ligand and

XX anti-inflammatory activities. They may be used to treat leukaemias,

XX anaemias, immune disorders and deficiencies and nervous system disorders.

XX They can be used in screening assays to identify agents which bind to

XX them and the nucleotide sequences can be used as probes for in situ

XX hybridisation. The polypeptides and their polynucleotides can also be

XX used for other therapeutic, diagnostic and research utilities

XX Claim 20; Fig 4; 96pp; English.

XX New polypeptide with epidermal growth factor repeat domains.

XX Query Match 96.2%; Score 2174.6; DB 2; Length 2365;

	Best Local Similarity	98.9%; Pred. No. 0;	Mismatches	Conservative	Matches	2233; Indels	16; Gaps	5; Mismatches	5; Gaps	5;
2y	8	GTGGGTCGAGTGGAGCGGAGACCGAGCGGCTGAGGAGAGAGGAGCGCGGCTTAGC	67							
zb	78	GTAACCTCCAGTGGAGCGGAGGACCCAGCGCTGAGGAGAGAGGAGCGCGGCTTAGC	137							
2y	68	TGCTACGGGGTCCGGCGCGGCCCTCCAGGGGGCTCAGGAGAGGAAGAAGACCAG	127							
zb	138	TGCTACGGGGTCCGGCGCGGCCCTCCAGGGGGCTCAGGAGAGGAAGAAGACCAG	197							
2y	128	TGCGAGAATGCCCTCTGCCTTGAGAGCTTGCGCTCCCGCTGCTCTCTCTGGGTGGCAG	187							
zb	198	TGCGAGAAATGCCCTCTGCCTTGAGAGCTTGCGCTCCCGCTGCTCTCTCTGGGTGGCAG	257							
2y	188	TGTTTTGGGAAACGGCGCCAGTGCAGAGGCAATACGGGTTGTAGCATCGGCAAGTCAGCC	247							
zb	258	TGTTTTGGGAAACGGCGCCAGTGCAGAGGCAATACGGGTTGTAGCATCGGCAAGTCAGCC	317							
2y	248	TGGGGTCTGTCACTATGGAACTAAAATTGGCTCTCTCTACGGCTGGAGAGAAAAAGCAA	307							
zb	318	TGGGGTCTGTCACTATGGAACTAAAATTGGCTCTCTCTACGGCTGGAGAGAAAAAGCAA	377							
Qy	308	GGGAGTCTGTGAAGTACAATCGAACTCGAATTAAGTTTGGTGAAGTGGTGGGACAAA	367							
Db	378	GGGAGTCTGTGAAGTACAATCGAACTCGAATTAAGTTTGGTGAAGTGGTGGGACAAA	437							
Qy	368	CAAATGCAGATGCTTTCCAGGATACACCGGAAAACTGCAGTCAAGATGTGAATGAGTG	427							
Db	438	CAAATGCAGATGCTTTCCAGGATACACCGGAAAACTGCAGTCAAGATGTGAATGAGTG	497							
2y	428	TGGAATGAAACCCCGGCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTG	487							
Db	498	TGGAATGAAACCCCGGCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTG	557							
2y	488	CTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGTAAGTGTGTAATCTTAGGACATG	547							
Db	558	CTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGTAAGTGTGTAATCTTAGGACATG	617							
Qy	548	TGCCATGATAAACTGTCAAGTACAGCTGTGGAAGACACAGAAAGAGGCCACAGTGCCTGTG	607							
Db	618	TGCCATGATAAACTGTCAAGTACAGCTGTGGAAGACACAGAAAGAGGCCACAGTGCCTGTG	677							
Qy	608	TCCATCTCAGGACTCCGCTGGCCCCAAATGGAAAGAGACTGTCTAGATTCATGAATG	667							
Db	678	TCCATCTCAGGACTCCGCTGGCCCCAAATGGAAAGAGACTGTCTAGATTCATGAATG	737							
Qy	668	TGCTCTGGTAAAGTCACTGTCCCTACAACTCGAAGATGTGCAACACATTCGGAAGCTA	727							
Db	738	TGCTCTGGTAAAGTCACTGTCCCTACAACTCGAAGATGTGCAACACATTCGGAAGCTA	797							
Qy	728	CTACTGCAAAATGTCAACATGGTTTCGAACTGCAATATATCAGTGGACGATATGACTGTAT	787							
Db	798	CTACTGCAAAATGTCAACATGGTTTCGAACTGCAATATATCAGTGGACGATATGACTGTAT	857							
Qy	788	AGATATAAATGAATGTACTATGGATAGCCATACGTGCAGGCCACCAATGCCAATTCCTCAA	847							
Db	858	AGATATAAATGAATGTACTATGGATAGCCATACGTGCAGGCCACCAATGCCAATTCCTCAA	917							
Qy	848	TACCACAGGGTCCCTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGACTTCGGTG	907							
Db	918	TACCACAGGGTCCCTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGACTTCGGTG	977							
Qy	908	TTCTGCTATCCCTGAAATTCGTGTGAAGGAAGTCTCAGAGCACCTGGTACCATCAAGA	967							
Db	978	TTCTGCTATCCCTGAAATTCGTGTGAAGGAAGTCTCAGAGCACCTGGTACCATCAAGA	1037							
Qy	968	CAGAAATCAAGAAAGTTGCTTGTCTCAAAAAACAGCATGAAAAGGAAGCAAAAAATTAATA	1027							
Db	1038	CAGAAATCAAGAAAGTTGCTTGTCTCAAAAAACAGCATGAAAAGGAAGCAAAAAATTAATA	1097							
Qy	1028	TGTTACCCCAGAACCCACCGAGACTCTTACCCCTAAAGTGAAGTTCAGGCCCTTCAACTA	1087							

1098 TGTTACCCAGAGACCACCAGGACTCTCTACCCCTAAGGTGAACTTGCGAGCCCTTCAACTA 1155

1098 TGAAGAGATAGTTTCCAGAGGCGGGAACTCTCATGAGAGTAAATAAAGGGAATGAAG-A 1146

11158 TGAAGAGATAGTTTCCAGAGGCGGGAACTCTCATGAGAGTAAATAAAGGGAATGAAGAA 1217

1147 AATGAAAGAGGGCTTGAGCATGAGAAAGAGAGAGAAAGCCCTCGAAGATGACATAGA 1206

1218 AATGAAAGAGGGCTTGAGCATGAGAAAGAGAGAGAAAGCCCTGAGAAATGACATAGA 1277

1207 GGAGCGAAGCCTCGAGAGAGATGTGTTTTTCCCTAAGTGAATGAAGCAGGTGAATTCGG 1266

1278 GGAGCGAAGCCTCGAGAGAGATGTGTTTTTCCCTAAGTGAATGAAGCAGGTGAATTCGG 1337

1267 CCTGATTTCTCGTCCAAAGAGAAAGCGCTAACTTCCAAACTGCGAAATGAAGATTTAAATAT 1326

1338 CCTGATTTCTCGTCCAAAGAGAAAGCGCTAACTTCCAAACTGCGAAATGAAGATTTAAATAT 1397

1327 CTCGGTTGACTGCAGCTTCAATCATGGGATCTGTGACTGCGAAA CAGGATAGAGAAGTGA 1386

1398 CTCGGTTGACTGCAGCTTCAATCATGGGATCTGTGACTGCGAAA CAGGATAGAGAAGTGA 1457

1387 TTTTGACTGGAATTCCTGTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCCGGC 1446

1458 TTTTGACTGGAATTCCTGTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCCGGC 1517

1447 CTTCGCGAGGTCAAGAGAAAGACATTTGGCCGATTTGAAACTTCTCTACTGCCTGCAACC 1506

1518 CTTCGCGAGGTCAAGAGAAAGACATTTGGCCGATTTGAAACTTCTCTACTGCCTGCAACC 1577

1507 CCAAGCAACTCTCTGTTGCTCTTTGATTACCGGCTGCGCGAGACAAGTCTGGGAACT 1566

1578 CCAAGCAACTCTCTGTTGCTCTTTGATTACCGGCTGCGCGAGACAAGTCTGGGAACT 1637

1567 TCGAGTGTGTTGTGAAAAA CAGTAAACAATGCCCTGGCATGCGGAGAGACCA CAGTGAAG 1626

1638 TCGAGTGTGTTGTGAAAAA CAGTAAACAATGCCCTGGCATGCGGAGAGACCA CAGTGAAG 1697

1627 TGAAGATGGAAGACAGGGAATAATCAGTTGTATCAAGAACTGATGCTACCAAAAGCAT 1686

1698 TGAAGATGGAAGACAGGGAATAATCAGTTGTATCAAGAACTGATGCTACCAAAAGCAT 1757

1687 CATTTTGTGAAGCAGACGTGGCAAGGCAAAACC CGCGAATTCG CAGTGGATGGCGTCTT 1746

1758 CATTTTGTGAAGCAGACGTGGCAAGGCAAAACC CGCGAATTCG CAGTGGATGGCGTCTT 1817

1747 GCTTGTGTTT CAGGCTTATGTCCAGATAGCCTTTTATCTGTGGAAGATCGAATGTCTATC 1806

1818 GCTTGTGTTT CAGGCTTATGTCCAGATAGCCTTTTATCTGTGGAAGATCGAATGTCTATC 1877

1807 TTTTATATTTGACTTTGTAATCTCAGTTCCCTGGTTTTTTTGTATTGATTCATAGACCTC 1866

1878 TTTTATATTTGACTTTGTAATCTCAGTTCCCTGGTTTTTTTGTATTGATTCATAGACCTC 1937

1867 TGGCATTTTGAATTTACT-AGCTGAAAAATTTGTAATGTACCAACGAAA -TATTATTGTA 1924

1938 TGGCATTTTGAATTTACT-AGCTGAAAAATTTGTAATGTACCAACGAAAATTTATTATTGTA 1997

1925 AGATGCTTCTCTGTAAGATGCAATATTTGCTTTTAAATATCATATCACTGCTACT 1984

1998 AGATGCTTCTCTGTAAGATGCAATATTTGCTTTTAAATATCATATCACTGCTACT 2057

1985 TCTCAGTCAATTTCTGAATCTTTCCNCAATATATTATAAAAATTTGAAAAANGTCA-GTTTTAT 2043

2058 TCTCAGTCAATTTCTGANTCTTTCCATTTATTTATTAATATGGAATGTCAGGTTTTAT 2117

2044 CTCCTCTCTCTGNTATATCTGATTTGTATATGANGTTGATGNGCTTCTCTCTACAACAT 2103

2118 CTCCTCTCTCTGNTATATCTGATTTGTATAAGTAAGTTGATGAGCTTCTCTCTGCAACAT 2177

2104 TTTCTAGAAAATAGAAAAAAGACAGAGAAATGTTTTAACTGTTTGACTTTATGATCT 2163

2178 TTTCTAGAAAATAGAAAAAAGACAGAGAAATGTTTTAACTGTTTGACTTTATGATAGT 2237

QY 2164 TCTTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGTCTTTCA 2223  
Db 2238 TTTTGGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGTCTTTCA 2297  
QY 2224 TAGCCAAACTTGTATATTT-AAATCTTTTGTATATATAA 2260  
Db 2298 TAGCCAAACTTGTATATTTAAATTTTGTATATATAA 2335

RESULT 52  
AAL43890  
ID AAL43890 standard; cDNA; 2365 BP.  
AC AAL43890;  
XX  
DT 19-SEP-2002 (first entry)  
DE Human EGF motif-containing protein coding sequence, SEQ ID No 5.  
XX  
KW Human; gene; ss; epidermal growth factor motif; EGF motif; EGFL6;  
KW epithelial tissue growth; tissue repair; tissue regeneration;  
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;  
KW nervous system disorder; infection; autoimmune disorder; inflammation;  
KW multiple sclerosis; anaemia; periodontal disease; haemophilia;  
KW fertility enhancement.  
XX  
OS Homo sapiens.  
XX  
FH Key Location/Qualifiers  
FT CDS 205..1866  
FT /\*tag= a  
FT /product= "Human EGF motif-containing protein SEQ ID #6"  
FT /trans\_except= (pos:1273..1275, aa:Xaa)  
XX

WO200230977-A2.  
18-APR-2002.  
15-OCT-2001; 2001WO-US032257.  
13-OCT-2000; 2000US-00687860.  
(HYSE-) HYSEQ INC.  
Asundi V, Ford JE, Drmanac RT, Liu C, Yamasaki V, Yeung G;  
Tang TY, Zhang J, Zhou P, Zhou H;  
WPI; 2002-426270/45.  
Novel isolated epidermal growth factor motif polypeptide, termed EGFL6,  
for treating cancer, nervous system disorders, immune deficiencies,  
autoimmune disorders, coagulation disorders and inflammatory conditions.

Example 2; Fig 4; 183pp; English.  
The invention comprises the amino acid and coding sequences of human  
epidermal growth factor (EGF) motif-containing proteins (EGFL6 proteins).  
The DNA and protein sequences of the invention are useful for inhibiting  
the proliferation of cells expressing an EGFL6 protein. The DNA and  
protein sequences of the invention are useful for stimulating epithelial  
tissue growth, for tissue repair and regeneration, corneal transplant  
healing, skin graft production and wound healing. The DNA and protein  
sequences are useful for treating cancer, leukaemia, nervous system  
disorders, infection, autoimmune disorders (e.g. multiple sclerosis),  
anaemia, periodontal diseases, haemophilia, inflammatory conditions, and  
for effecting bodily characteristics and fertility of male or female  
subjects. The present cDNA sequence encodes a human EGF motif-containing  
protein  
Sequence 2365 BP; 706 A; 481 C; 586 G; 588 T; 0 U; 4 Other;  
Query Match 96.2%; Score 2174.6; DB 6; Length 2365;

Best Local Similarity 98.9%; Pred. No. 0;  
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;  
QY 8 FTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGCGCTTAGC 67  
Db 78 GTAACTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGCGCGCGCTTAGC 137  
QY 68 TGCTACGGGGTCCCGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGGAGGAGGAGCCCG 127  
Db 138 TGCTACGGGGTCCCGCGCGGCGCTCCGAGGGGGGCTCAGGAGGAGGAGGAGGAGCCCG 197  
QY 128 TCGGAGAAATGCTCTGCGCTGAGCGCTTGGCGTCCCGCTGCTGCTCTCTCTGCTGGCAGG 187  
Db 198 TCGGAGAAATGCTCTGCGCTGAGCGCTTGGCGTCCCGCTGCTGCTCTCTCTGCTGGCAGG 257  
QY 188 TGGTTTTCGGGAAACGCGCCAGTCAAGGCATCAAGGCATCAAGGCATCAAGGCATCAAGGC 247  
Db 258 TGGTTTTCGGGAAACGCGCCAGTCAAGGCATCAAGGCATCAAGGCATCAAGGCATCAAGGC 317  
QY 248 TGGGTCTGTCTACTATGGAATCTAACTGGCTGTGCTACGGCTGGAGAGAAACAGCAA 307  
Db 318 TGGGTCTGTCTACTATGGAATCTAACTGGCTGTGCTACGGCTGGAGAGAAACAGCAA 377  
QY 308 GGGAGTCTGTGAGCTACATCGAAGCTGAGTGAAGTCTTTGCTGAGTGGCGACCAAA 367  
Db 378 GGGAGTCTGTGAGCTACATCGAAGCTGAGTGAAGTCTTTGCTGAGTGGCGACCAAA 437  
QY 368 CAAATGCAGATGCTTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGAATGAGTG 427  
Db 438 CAAATGCAGATGCTTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGAATGAGTG 497  
QY 428 TGGATGAAACCCCGGCGCATCGCAACACAGATGTGAATACACACCGGAGAGCTCAAGTG 487  
Db 498 TGGATGAAACCCCGGCGCATCGCAACACAGATGTGAATACACACCGGAGAGCTCAAGTG 557  
QY 488 CTTTTCCTCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTCTAGGACATG 547  
Db 558 CTTTTCCTCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACTCTAGGACATG 617  
QY 548 TGCATGATTAATCTGTCAAGTGTGAGAGACACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 607  
Db 618 TGCATGATTAATCTGTCAAGTGTGAGAGACACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 677  
QY 608 TGCATCTCTCAGGAGCTCCCGCTGGCGCCAAATGGAGAGAGAGAGAGAGAGAGAGAGAGAG 667  
Db 678 TGCATCTCTCAGGAGCTCCCGCTGGCGCCAAATGGAGAGAGAGAGAGAGAGAGAGAGAGAG 737  
QY 668 TGCCTCTGTGTAAGTCAATCTGTCCCTCAATTCGAAGAGATGTGTAACACATTTGGAAGCTA 727  
Db 738 TGCCTCTGTGTAAGTCAATCTGTCCCTCAATTCGAAGAGATGTGTAACACATTTGGAAGCTA 797  
QY 728 CTACTGCAAAATGTCAATTTGCTTTCGAACTGCAATATATCAAGTGGAGAGATGATGATGAT 787  
Db 798 CTACTGCAAAATGTCAATTTGCTTTCGAACTGCAATATATCAAGTGGAGAGATGATGATGAT 857  
QY 788 AGATATAAATGAATGTACTATGATAGCATACGTCGAGCCACCATGCCATTCCTTCAA 847  
Db 858 AGATATAAATGAATGTACTATGATAGCATACGTCGAGCCACCATGCCATTCCTTCAA 917  
QY 848 TACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGACATTCGGTG 907  
Db 918 TACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGACATTCGGTG 977  
QY 908 TTTCTGTATCTCTGAAATTTCTGTGAAGAGAGTCTCTGAGAGACCTGTGATCAATCAAGA 967  
Db 978 TTTCTGTATCTCTGAAATTTCTGTGAAGAGAGTCTCTGAGAGACCTGTGATCAATCAAGA 1037  
QY 968 CAGAATCAAGAGTGTCTGCTCAAAAAACAGCATGAAAAAGAGGCAAAAAATTAATAA 1027  
Db 1038 CAGAATCAAGAGTGTCTGCTCAAAAAACAGCATGAAAAAGAGGCAAAAAATTAATAA 1097  
QY 1028 TGTATCCCGCAGAACCCACAGAGCTCTTACCCCTAAGTGAATCTTGCAGCGCTTCAACTA 1087



1098 TGTACCAGAGAGCCAGGAGCTCTACCCCTAAGGTGAACCTTGACGCCCTTCAACTA 1157  
1088 TGAAGAGATGTTTCCAGAGCGGGAATCTCATGGAGGTAAAGAGGGAATCAAGAG-A 1146  
1158 TGAAGAGATGTTTCCAGAGCGGGAATCTCATGGAGGTAAAGAGGGAATCAAGAGAA 1217  
1147 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206  
1218 AATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1277  
1207 GGAGGAGCGCTGCGAGGAGATGTTTTCCTTAAGGTGAATGAGCAGGTGAATTCGG 1266  
1278 GGAGGAGCGCTGCGAGGAGATGTTTTCCTTAAGGTGAATGAGCAGGTGAATTCGG 1337  
1267 CTTGATTCCTGCTCCAAAGAGAGCGCTAACTTCCAAACTCGAATCAAAAGATTTAAATAT 1326  
1338 CTTGATTCCTGCTCCAAAGAGAGCGCTAACTTCCAAACTCGAATCAAAAGATTTAAATAT 1397  
1327 CTCGGTTGACGACGCTCAATCATGGAGTCTGACTGGAACAGGATAGAGAGATGA 1386  
1398 CTCGGTTGACGACGCTCAATCATGGAGTCTGACTGGAACAGGATAGAGAGATGA 1457  
1387 TTTTGACTGGAACTCTGCTGATCGAGATGATGCTTATGGCTTCTATATGCGAGTCCGGC 1446  
1458 TTTTGACTGGAACTCTGCTGATCGAGATGATGCTTATGGCTTCTATATGCGAGTCCGGC 1517  
1447 CTTGCGAGTCAAGAGAGAGCATTTGGCGGATGAACTTCTCTGCTGACCTGCAAC 1506  
1518 CTTGCGAGTCAAGAGAGAGCATTTGGCGGATGAACTTCTCTGCTGACCTGCAAC 1577  
1507 CCAAGCAACTTCTGTTTGTCTTGTATACCGGCTGCGGAGAGAGAGAGAGAGAGAG 1566  
1578 CCAAGCAACTTCTGTTTGTCTTGTATACCGGCTGCGGAGAGAGAGAGAGAGAGAG 1637  
1567 TCGAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGAGAGAGAGAGAGAGAG 1626  
1638 TCGAGTGTGTTGAAAAACAGTAAACAATGCCCTGGCATGGAGAGAGAGAGAGAGAG 1697  
1627 TGAAAGTGGAG 1686  
1698 TGAAAGTGGAG 1757  
1687 CATTTTGAAGCAG 1746  
1758 CATTTTGAAGCAG 1817  
1747 GCTGTTTTCAGCTTATGTCAGATAGCTTTATCTGTGGATGATGATGATGATGATG 1806  
1818 GCTGTTTTCAGCTTATGTCAGATAGCTTTATCTGTGGATGATGATGATGATGATG 1877  
1807 TTTATATTGACTTTGATGTCAGTTCCTGCTGTTTTCCTGATTTGATATGATGATGATG 1866  
1878 TTTATATTGACTTTGATGTCAGTTCCTGCTGTTTTCCTGATTTGATATGATGATGATG 1937  
1867 TGGCATTTTAGAATTAAT-ACGTGAAAAATGTAATGATGATGATGATGATGATGATG 1924  
1938 TGGCATTTTAGAATTAAT-ACGTGAAAAATGTAATGATGATGATGATGATGATGATG 1997  
1925 AGATGCTTCTGTTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1984  
1998 AGATGCTTCTGTTATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2057  
1985 TCTGATGATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2043  
2058 TCTGATGATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2117  
2044 CTCCTCTCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2103  
2118 CTCCTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2177  
2104 TTCTAGAAAAATAGAAAAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2163  
2178 TTCTAGAAAAATAGAAAAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2237

QY 2164 TCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGCCTTAGCTGGTCTTTCA 2223  
DB 2238 TTTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGCCTTAGCTGGTCTTTCA 2297  
QY 2224 TAGCCAACTTGTATATTT-AATTCCTTTGTAAATAATA 2260  
DB 2298 TAGCCAACTTGTATATTTAAATTCCTTTGTAAATAATA 2335

RESULT 53  
AAD44332  
ID AAD44332 standard; cDNA; 2365 BP.  
XX  
AC AAD44332;  
XX  
DT 13-DEC-2002 (first entry)  
XX  
DE Human epidermal growth factor (EGF)-repeat containing cDNA #3.  
XX  
KW Human; antibody; epidermal growth factor; EGF repeat; brain tumour;  
KW nervous disorder; ulcer; leukaemia; gene; ss.  
XX  
OS Homo sapiens.  
XX  
FH Key Location/Qualifiers  
CDS 205..1866  
FT /\*tag= a  
FT /product= "Human EGF-repeat containing protein"  
FT /transl\_except= (pos:1273..1275, aa:Xaa)  
FT /note= "Xaa can be any amino acid"  
FT sig\_peptide 205..267  
FT /\*tag= b  
FT mat\_peptide 268..1863  
FT /\*tag= c  
FT /product= "Mature human EGF-repeat containing protein"  
XX  
PN US6392019-B1.  
XX  
PD 21-MAY-2002.  
XX  
PF 28-JUL-1999; 99US-00363316.  
XX  
PR 22-NOV-1997; 97US-00968800.  
PR 12-FEB-1999; 99US-00249697.  
XX  
PA (FORD/) FORD J.  
PA (YEUN/) YEUNG G.  
XX  
PI Ford J, Yeung G;  
XX  
XX WPI; 2002-424836/45.  
DR P-PSDB; AAE26500.  
XX  
PT Novel antibody specific for an epidermal growth factor repeat-containing polypeptide, useful for the diagnosis of brain tumors, ulcers, leukemias, and nervous disorders.  
XX  
PS Example 2; Fig 4; 92pp; English.  
XX  
CC The invention relates to an antibody specific for a 537 residue epidermal growth factor (EGF) repeat-containing polypeptide sequence. The invention is used for detecting the presence of EGF repeat-containing polypeptides in a sample, in the diagnosis of brain tumors, nervous disorders, ulcers, and leukaemias. The present sequence is human EGF-repeat containing cDNA  
XX  
SQ Sequence 2365 BP; 706 A; 481 C; 586 G; 588 T; 0 U; 4 Other;

Query Match 96.2%; Score 2174.6; DB 6; Length 2365;  
Best Local Similarity 98.9%; Pred. No. 0;  
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;



Db 2238 TTTTGGAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGTCTTTCA 2297  
Qy 2224 TAGCCAACTTGTATATTT-AAATCTTTTGTAAATAAA 2260  
Db 2298 TAGCCAACTTGTATATTTAAATCTTTGTAAATAAA 2335

RESULT 54  
ABX14768  
ID ABX14768 standard; cDNA; 2365 BP.  
XX  
AC ABX14768;  
XX  
DT 02-APR-2003 (first entry)  
XX  
DE cDNA encoding novel human EGF-motif containing protein.  
XX  
KW EGF; epidermal growth factor; cancer; lung cancer; brain cancer;  
KW prostate cancer; breast cancer; skin cancer; lymphoma cancer;  
KW sarcoma cancer; colon cancer; tumorigenicity; tumour site reduction;  
KW cell proliferation inhibition; vaccine; antisense gene therapy; gene; ss;  
KW human.  
XX  
OS Homo sapiens.  
XX  
XX Key Location/Qualifiers  
XX CDS 205..1866  
XX FT /\*tag= a  
XX FT /product= "EGF-motif containing protein"  
XX  
XX US2002132250-A1.  
XX  
XX 19-SEP-2002.  
XX  
XX 15-OCT-2001; 2001US-00981649.  
XX  
XX 28-JUL-1999; 99US-00363316.  
XX 13-OCT-2000; 2000US-00687860.  
XX  
XX (FORD/) FORD J E.  
XX (YEUN/) YEUNG G.  
XX (ZHOU/) ZHOU H.  
XX  
XX Ford JE, Yeung G, Zhou H;  
XX WPI; 2003-174078/17.  
XX P-PSDB; ABG72935.  
XX  
XX Detecting cancerous cells expressing polynucleotides/polypeptides in  
XX samples, by contacting samples with labeled polynucleotides complementary  
XX to polynucleotide or an antibody against the polypeptide and detecting  
XX complex formed.  
XX  
XX Example 4; Fig 4; 78pp; English.  
XX  
XX The invention describes a method of detecting a cancerous cell expressing  
XX a polynucleotide (I) or a polypeptide (II) in a biological sample,  
XX involving contacting the sample with a labelled polynucleotide,  
XX complementary to (I) or an antibody or its fragment that specifically  
XX binds to (II), for a period sufficient to form a complex and detecting  
XX the complex, so that if a complex is detected, the cell is detected. The  
XX method is useful for detecting cancerous cell in a biological sample such  
XX as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal  
XX fluid. The cancerous cell is from lung, brain, prostate, breast, skin,  
XX lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF  
XX -7 cell or SK-N-Mc cell. PCI and PC2 are useful for inhibiting EGF16  
XX activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting  
XX proliferation of a cancer cell. This sequence encodes the novel human EGF  
XX (epidermal growth factor) motif containing protein  
XX  
XX Sequence 2365 BP; 706 A; 481 C; 586 G; 588 T; 0 U; 4 Other;  
XX  
XX Query Match 96.2%; Score 2174.6; DB 7; Length 2365;

Best Local Similarity 98.9%; Pred. No. 0;  
Matches 2233; Conservative 4; Mismatches 16; Indels 5; Gaps 5;  
Qy 8 GTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGCGGCGCTTAGC 67  
Db 78 GTAACTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGCGGCGCTTAGC 137  
Qy 68 TGCTACGGGGTCCGGCGCGGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAAGGAGACCGG 127  
Db 138 TGCTACGGGGTCCGGCGCGGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAAGGAGACCGG 197  
Qy 128 TGGGAGAAATGCTCTGCGCTGGAGCGCTTGGCGTCCGCTGCTGCTCTCTCTGGGTGGAGG 187  
Db 198 TGGGAGAAATGCTCTGCGCTGGAGCGCTTGGCGTCCGCTGCTGCTCTCTCTGGGTGGAGG 257  
Qy 188 TGCTTTTCGGGAAACGGCGGCGGAGGATGCAAGGATGCAAGGCTGCTAGCATCGGACGCTCAGCC 247  
Db 258 TGCTTTTCGGGAAACGGCGGCGGAGGATGCAAGGATGCAAGGCTGCTAGCATCGGACGCTCAGCC 317  
Qy 248 TGGGGTCTGCTCACTATGGAATTAACCTGCGCTGCTGCTACCGCTGGAGAGAAACAGCAA 307  
Db 318 TGGGGTCTGCTCACTATGGAATTAACCTGCGCTGCTGCTACCGCTGGAGAGAAACAGCAA 377  
Qy 308 GGGAGTCTGTGAAGCTACATGCGAAACCTGGATGTAAGTTTGGTGGTGGGACCAA 367  
Db 378 GGGAGTCTGTGAAGCTACATGCGAAACCTGGATGTAAGTTTGGTGGTGGGACCAA 437  
Qy 368 CAAATGCGAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGGAATGAGTG 427  
Db 438 CAAATGCGAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGGAATGAGTG 497  
Qy 428 TGGAAATGAAACCCCGGCGCATGCCAACAGATGTGAATACACACGAGGAGCTACAAAGTG 487  
Db 498 TGGAAATGAAACCCCGGCGCATGCCAACAGATGTGAATACACACGAGGAGCTACAAAGTG 557  
Qy 488 CTTTGGCTCAGTGGCGCATGCTCATGCCAGATGCTACGTTGTGTGAACCTTAGGACATG 547  
Db 558 CTTTGGCTCAGTGGCGCATGCTCATGCCAGATGCTACGTTGTGTGAACCTTAGGACATG 617  
Qy 548 TGCCATGATAAATGCTCAGTGTGAGAGACACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 607  
Db 618 TGCCATGATAAATGCTCAGTGTGAGAGACACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 677  
Qy 608 TCCATCCTCAGGAGTCCGCTGGCGCCCAATGGAAGAGAGAGAGAGAGAGAGAGAGAGAG 667  
Db 678 TCCATCCTCAGGAGTCCGCTGGCGCCCAATGGAAGAGAGAGAGAGAGAGAGAGAGAGAG 737  
Qy 668 TGCCCTCTGTAAGTCACTCTGCTCCCTACCAATCGAGAGATGTGTGAACATTTGGAGCTA 727  
Db 738 TGCCCTCTGTAAGTCACTCTGCTCCCTACCAATCGAGAGATGTGTGAACATTTGGAGCTA 797  
Qy 728 CTACTGCAAAATGTCAATTTGGTTCGAACTGCAATATATCAGTGGAGAGATATGACTGTAT 787  
Db 798 CTACTGCAAAATGTCAATTTGGTTCGAACTGCAATATATCAGTGGAGAGATATGACTGTAT 857  
Qy 788 AGATATAAATGAATGTACTATGATAGGATAGGATAGGATAGGATAGGATAGGATAGGATAG 847  
Db 858 AGATATAAATGAATGTACTATGATAGGATAGGATAGGATAGGATAGGATAGGATAGGATAG 917  
Qy 848 TACCAGAGGCTCCTTCAGTGTAAATGCAAGAGAGAGATATAAAGGCAATGGAGCTTCGGTG 907  
Db 918 TACCAGAGGCTCCTTCAGTGTAAATGCAAGAGAGATATAAAGGCAATGGAGCTTCGGTG 977  
Qy 908 TTCTGCTATCCCTGAAATTTCTGTGAAGAGAGTCTCAGAGGACCTGGTACCATCAAGA 967  
Db 978 TTCTGCTATCCCTGAAATTTCTGTGAAGAGAGTCTCAGAGGAGTCTGGTACCATCAAGA 1037  
Qy 968 CAGAAATCAAGAAGTTGCTTGTCTCAAAAAACAGCATGAAAGAGAGGCAAAAAATTAAGA 1027  
Db 1038 CAGAAATCAAGAAGTTGCTTGTCTCAAAAAACAGCATGAAAGAGAGGCAAAAAATTAAGA 1097  
Qy 1028 TGTATACCCAGAGACCCAGGAGTCTCTACCCCTAAGTGAATTTGAGGCTTCACACTA 1087

Db 1098 TGTACCCAGAACCCACCAGGACTCCTA CCCCCTAAGGTGAACCTTGCAGCCCTTCAACTA 1157  
Qy 1088 TGAAGAGATAGTTTCCAGAGCGGGAACCTCATGAGGTAATAAAGGGAATGAAGAG-A 1146  
Db 1158 TGAAGAGATAGTTTCCAGAGCGGGAACCTCATGAGGTAATAAAGGGAATGAAGAGAA 1217  
Qy 1147 AATGAAGAGGGGCTTGAAGATGAAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1206  
Db 1218 AATGAAGAGGGGCTTGAAGATGAAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1277  
Qy 1207 GGAGCGAAGCCTCGAGAGAGATGTTTTTCCCTAAGGTGAATGAAGAGAGAGAGAGAGAG 1266  
Db 1278 GGAGCGAAGCCTCGAGAGAGATGTTTTTCCCTAAGGTGAATGAAGAGAGAGAGAGAGAG 1337  
Qy 1267 CTTGATTTCTGATCCAAAGGAAAGCGCTTAACCTTCCAACTGGAAACATAAAGATTTAAATAT 1326  
Db 1338 CTTGATTTCTGATCCAAAGGAAAGCGCTTAACCTTCCAACTGGAAACATAAAGATTTAAATAT 1397  
Qy 1327 CTTGATTTCTGATCCAAAGGAAAGCGCTTAACCTTCCAACTGGAAACATAAAGATTTAAATAT 1386  
Db 1398 CTTGATTTCTGATCCAAAGGAAAGCGCTTAACCTTCCAACTGGAAACATAAAGATTTAAATAT 1457  
Qy 1387 TTTTGTGATGGAATCCTGCTGATCGAGATAATGCTATTGCTTCTATATGCGAGTTCCGCG 1446  
Db 1458 TTTTGTGATGGAATCCTGCTGATCGAGATAATGCTATTGCTTCTATATGCGAGTTCCGCG 1517  
Qy 1447 CTTGCGAGGTCACAAAGAGACATTTGGCCGATTTGAACTTCTCTACCTGACCTGCAACC 1506  
Db 1518 CTTGCGAGGTCACAAAGAGACATTTGGCCGATTTGAACTTCTCTACCTGACCTGCAACC 1577  
Qy 1507 CCAAAGCAACTTCGTTTGTCTTTTGTATACCGGCTGGCGGAGACAAAGTCCGGAACCT 1566  
Db 1578 CCAAAGCAACTTCGTTTGTCTTTTGTATACCGGCTGGCGGAGACAAAGTCCGGAACCT 1637  
Qy 1567 TCGAGTCTTTGTGAAGAACAGTACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1626  
Db 1638 TCGAGTCTTTGTGAAGAACAGTACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1697  
Qy 1627 TGAAGAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGTGCTACCAAGAGCAT 1686  
Db 1698 TGAAGAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGTGCTACCAAGAGCAT 1757  
Qy 1687 CATTTTGAAGCAGACGCTGGCAGGGAACCGGCGGAATTCGCTGATGAGTGGGCTCTT 1746  
Db 1758 CATTTTGAAGCAGACGCTGGCAGGGAACCGGCGGAATTCGCTGATGAGTGGGCTCTT 1817  
Qy 1747 GCTTGTTCAGGCTTATGCTCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATC 1806  
Db 1818 GCTTGTTCAGGCTTATGCTCAGATAGCCTTTTATCTGTGGATGACTGAATGTTACTATC 1877  
Qy 1807 TTTATATTTGACTTTGATGCTAGTCCCTGGTTTTTTTGTATGATGATGATGATGATGAT 1866  
Db 1878 TTTATATTTGACTTTGATGCTAGTCCCTGGTTTTTTTGTATGATGATGATGATGATGAT 1937  
Qy 1867 TGGCATTTTGAATTAAT-AGCTGAAATTTGATGATGATGATGATGATGATGATGATGATGAT 1924  
Db 1938 TGGCATTTTGAATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1997  
Qy 1925 AGATGCTTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1984  
Db 1998 AGATGCTTTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2057  
Qy 1985 TCTCAGTCATTTCTGATCCTTCCCATATATATATAAATTTGGAAGTCA-GTTTAT 2043  
Db 2058 TCTCAGTCATTTCTGATCCTTCCCATATATATATAAATTTGGAAGTCAAGTCTTAT 2117  
Qy 2044 CTCCCTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2103  
Db 2118 CTCCCTCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 2177  
Qy 2104 TTCTAGAAATAGAAAG 2163  
Db 2178 TTCTAGAAATAGAAAG 2237

Qy 2164 TCTTGGAACTATGACATCAAGATAGACTTTTTCCTAAGTGGCTTAGCTGGCTTTTCA 2223  
Db 2238 TTTTGGAACTATGACATCAAGATAGACTTTTTCCTAAGTGGCTTAGCTGGCTTTTCA 2297  
Qy 2224 TAGCCAAACTGTATATTT-AACTTTCTTAATAATAA 2260  
Db 2298 TAGCCAAACTGTATATTTAAATTTCTTTGTAATAATAA 2335

RESULT 55  
ACD25931  
ID ACD25931 standard; cDNA; 2365 BP.  
XX  
AC ACD25931;  
XX  
DT 01-SEP-2003 (first entry)  
XX  
DE Epidermal growth factor motif protein EGFL6 cDNA #1.  
XX  
KW Human; epidermal growth factor motif protein; EGFL6; cytostatic;  
KW neuroprotective; antibacterial; antiparasitic; cell growth; cancer;  
KW antileukemia; EGF-Agonist; EGF-Antagonist; cell growth; cancer;  
KW neurodegenerative disorder; leukaemia; brain tumour; lung tumour;  
KW breast tumour; gastrointestinal tumour; skin tumour; prostate tumour;  
KW carcinoma; parasite; biorhythm; fertility; metabolism; catabolism;  
KW anabolism; Gene; ss.  
XX  
OS Homo sapiens.  
XX  
FH Key Location/Qualifiers  
CDS 205..1866  
FT /tag= a "EGFL6"  
FT /products "EGFL6"  
FT /note= "Epidermal growth factor motif protein"  
XX  
FN US2003036508-A1.  
XX  
PD 20-FEB-2003.  
XX  
PF 17-APR-2002; 2002US-00124986.  
XX  
PR 22-NOV-1997; 97US-00968800.  
PR 12-FEB-1999; 99US-00249697.  
PR 28-JUL-1999; 99US-00363316.  
PR 13-OCT-2000; 2000US-00687860.  
PR 15-OCT-2001; 2001US-00981649.  
XX  
PA (FORD/) FORD J.  
PA (YEUN/) YEUNG G.  
XX (ZHOU/) ZHOU H.  
XX  
PI Ford J, Yeung G, Zhou H;  
XX  
XX WPI: 2003-492123/46.  
XX P-PSDB; AB062258.  
XX  
PT Stimulating cell growth by contacting the cell with an EGFL6 polypeptide,  
PT useful for the diagnosis and treatment of cancers and neurodegenerative  
PT disorders.  
XX  
PS Example 2; Fig 4; 86pp; English.  
XX  
CC The invention describes a method of stimulating cell growth comprising  
CC contacting the cell with an EGFL6 polypeptide having at least 90 %  
CC sequence identity to a 553 amino acid sequence (S1), given in the  
CC specification, or its variant and/or fragment lacking a C-terminal  
CC portion of the EGFL6 polypeptide. The methods and compositions of the  
CC present invention are useful for the diagnosis and treatment of cancers  
CC and neurodegenerative disorders by stimulating cell growth. The cancers  
CC include leukaemia, brain, lung, breast, gastrointestinal, skin and  
CC prostate tumours and carcinomas. They can also be used in inhibiting the  
CC growth of infectious agents and parasites, effecting bodily









CC as tissue, cell, blood, serum, lymphatic fluid, urine, and cerebrospinal  
 CC fluid. The cancerous cell is from lung, brain, prostate, breast, skin, MCF  
 CC lymphoma, sarcoma and colon. Preferably the cancer cell is A549 cell, MCF  
 CC -7 cell or SK-N-Mc cell. PC1 and PC2 are useful for inhibiting EGFR6  
 CC activity, inhibiting tumorigenicity, reducing tumour sites and inhibiting  
 CC proliferation of a cancer cell. This sequence encodes a novel human EGF  
 CC (epidermal growth factor) motif containing protein associated protein  
 XX  
 SQ Sequence 2345 BP: 696 A: 478 C: 578 G: 592 T: 0 U: 1 Other:

Query Match	96.0%;	Score 2170.6;	DB 7;	Length 2345;
Best Local Similarity	99.2%;	Pred. No. 0;		
Matches 2219;	Conservative 0;	Mismatches 11;	Indels 6;	Gaps 4;
QY	31	CCCGAGCGGCTCAGGAGAGAGAGCGCGCGCTTAGCTGCTACGGGGTCC-GGCGGGGCGC	89	
DB	85	CCCGGCGAGGTGAGGAGAGAGAGCGCGGCTTAGCTGCTACGGGGTCCGGGCGCGCGC	144	
QY	90	CTTCCGAGGGGGCTCAGGAGGAGAGAGGAGACCGTGCAGAAATGCTCTGCGCTTG	149	
DB	145	CTTCCGAGGGGGCTCAGGAGGAGAGAGGAGACCGTGCAGAAATGCTCTGCGCTTG	204	
QY	150	AGCTTTGCGCTCCCGCTGCTCTCTCTGGGTGCGAGTGGTTTCGGGAACGCGCCAGT	209	
DB	205	AGCTTTGCGCTCCCGCTGCTCTCTCTGGGTGCGAGTGGTTTCGGGAACGCGCCAGT	264	
QY	210	GCAAGS--CATCACGGGTGTTAGCATCGGCACGTCAGCCTGGGTCTGTCACTATGGA	266	
DB	265	GCAAGGCATCATCAGGGTGTGTTAGCATCGGCACGTCAGCCTGGGTCTGTCACTATGGA	324	
QY	267	ACTAAACTGGCTGCTGCTACGGCTGGAGAGAAACAGCAAGGAGTCTGTGAAGCTACA	326	
DB	325	ACTAAACTGGCTGCTGCTACGGCTGGAGAGAAACAGCAAGGAGTCTGTGAAGCTACA	384	
QY	327	TGCGAACCTGGATGTAAGTTTGGTGAAGTGGTGGGACCAAAACAAATGCAGATGCTTTCCA	386	
DB	385	TGCGAACCTGGATGTAAGTTTGGTGAAGTGGTGGGACCAAAACAAATGCAGATGCTTTCCA	444	
QY	387	GGATACACCGGGAACACCTGCAGCTCAGATGTGAATGAGTGTGGAATGAACCCCGGCCA	446	
DB	445	GGATACACCGGGAACACCTGCAGCTCAGATGTGAATGAGTGTGGAATGAACCCCGGCCA	504	
QY	447	TGCCAACACAGATGTGTGAATACACAGGAAGCTACAAGTGTCTTTGCCCTCAGTGGCCAC	506	
DB	505	TGCCAACACAGATGTGTGAATACACAGGAAGCTACAAGTGTCTTTGCCCTCAGTGGCCAC	564	
QY	507	ATGCTCATGCCAGATGCTACGTGTGTAACCTCAGGACATGTGCCATGATAAATCTGTGAG	566	
DB	565	ATGCTCATGCCAGATGCTACGTGTGTAACCTCAGGACATGTGCCATGATAAATCTGTGAG	624	
QY	567	TACAGCTGTGAAGACACAGAAGAGGGGCCACAGTGCCTGTGTCCATCTCCAGGATCCGCG	626	
DB	625	TACAGCTGTGAAGACACAGAAGAGGGGCCACAGTGCCTGTGTCCATCTCCAGGATCCGCG	684	
QY	627	CTGGCCCCAAATGGGAAGAGACTGTCTAGATATTGATGAATGTGCTCTGGTAAAGTCAATC	686	
DB	685	CTGGCCCCAAATGGGAAGAGACTGTCTAGATATTGATGAATGTGCTCTGGTAAAGTCAATC	744	
QY	687	TGTCCCTACAATCGAAGATGTGTGAACACATTTGGGAAGCTACTACTGCAAAATGTCAACATT	746	
DB	745	TGTCCCTACAATCGAAGATGTGTGAACACATTTGGGAAGCTACTACTGCAAAATGTCAACATT	804	
QY	747	GGTTTCGAATCTGCAATATATCATGTTGGAGCGATATGACTGTGATAGATATAAATGATGTACT	806	
DB	805	GGTTTCGAATCTGCAATATATCATGTTGGAGCGATATGACTGTGATAGATATAAATGATGTACT	864	
QY	807	ATGGATATAGCATACGTGACGCCACCATGSCCAATTTGCTTCAATACCAAGGTCCTTCAAG	866	
DB	865	ATGGATATAGCATACGTGACGCCACCATGSCCAATTTGCTTCAATACCAAGGTCCTTCAAG	924	
QY	867	TGTAATGCAAGCAGGGATATAAAGGCGCAATGGACTTCGGTGTGTTCTGCTATCCCTGAAAT	926	
DB	925	TGTAATGCAAGCAGGGATATAAAGGCGCAATGGACTTCGGTGTGTTCTGCTATCCCTGAAAT	984	

Qy	927	TCCTGTGAAGGAAGTCCTCAGAGCACCTGGTACATCAATCAAGACAGAAATCAGAGAGTTGCTT	986
Db	985	TCCTGTGAAGGAAGTCCTCAGAGCACCTGGTACATCAATCAAGACAGAAATCAGAGAGTTGCTT	1044
Qy	987	GCTCACAATAACACATGATAAAGAGAGGCAAAAATTTAAAAATGTTTACCCTCCAGAACCCACC	1046
Db	1045	GCTCACAATAACACATGATAAAGAGAGGCAAAAATTTAAAAATGTTTACCCTCCAGAACCCACC	1104
Qy	1047	AGGACTCCTACCCCTAAGGTGAACCTTGCAGCCCTTCAACTATGAAGAGATAGTTTCCAGA	1106
Db	1105	AGGACTCCTACCCCTAAGGTGAACCTTGCAGCCCTTCAACTATGAAGAGATAGTTTCCAGA	1164
Qy	1107	GGCGGGAACTCTCATGTGAGGTAAAAAAGGAATGAAGAG-AAATGAAAGAGAGGGCTTGAG	1165
Db	1165	GGCGGGAACTCTCATGTGAGGTAAAAAAGGAATGAAGAG-AAATGAAAGAGAGGGCTTGAG	1224
Qy	1166	GATGAAAAAGAGAAAGACCCCTGAGAGATGACATAGAGGACGAAAGCCTCGGAGGA	1225
Db	1225	GATGAAAAAGAGAAAGACCCCTGAGAGATGACATAGAGGACGAAAGCCTCGGAGGA	1284
Qy	1226	GATGTGTTTTTCCCTAAAGGTGAATGAAGCAGGTGAATTCGGCTCATTTCTGGTCCAAAGG	1285
Db	1285	GATGTGTTTTTCCCTAAAGGTGAATGAAGCAGGTGAATTCGGCTCATTTCTGGTCCAAAGG	1344
Qy	1286	AAAGCGCTAACTTCCAACTGGACATAAAGATTTAAATATCTCGGTGTACTGCGAGCTTC	1345
Db	1345	AAAGCGCTAACTTCCAACTGGACATAAAGATTTAAATATCTCGGTGTACTGCGAGCTTC	1404
Qy	1346	AATCATGGGATCTGTGACTCGAAACAGGATAGAGAAAGATGATTTTGTACTGGAATCTGCT	1405
Db	1405	AATCATGGGATCTGTGACTCGAAACAGGATAGAGAAAGATGATTTTGTACTGGAATCTGCT	1464
Qy	1406	GATCAGATATGCTATGTGCTTCTATATGGCAGTTCGGCCCTTGGCAGGTACAGAGAA	1465
Db	1465	GATCAGATATGCTATGTGCTTCTATATGGCAGTTCGGCCCTTGGCAGGTACAGAGAA	1524
Qy	1466	GACATTGGCCGATTGAAACTTCTCCTACCTGACCTGCACCCCAAAGCAACTTCTGTTTG	1525
Db	1525	GACATTGGCCGATTGAAACTTCTCCTACCTGACCTGCACCCCAAAGCAACTTCTGTTTG	1584
Qy	1526	CNCTTTGATACCGCTGGCCGGAGCAAGTCGGAAACTTCGAGTGTGTTGTGAAAC	1585
Db	1585	CTCTTTGATTACCGCTGGCCGGAGCAAGTCGGAAACTTCGAGTGTGTTGTGAAAC	1644
Qy	1586	AGTAACAAATGCCCTGGCATGGGAGAAAGACCAAGAGTGAAGTGAAGACAGGG	1645
Db	1645	AGTAACAAATGCCCTGGCATGGGAGAAAGACCAAGAGTGAAGTGAAGACAGGG	1704
Qy	1646	AAATTCAGTTGTATCAAGNACTGATGCTACAAAGCATCATTTTGTGAAGCGAAGCT	1705
Db	1705	AAATTCAGTTGTATCAAGNACTGATGCTACAAAGCATCATTTTGTGAAGCGAAGCT	1764
Qy	1706	GGCAAGGGCAAAACCGCGAAATCGCAGTGGATGGCGTCTTCCTGTTTCAGGCTTATGT	1765
Db	1765	GGCAAGGGCAAAACCGCGAAATCGCAGTGGATGGCGTCTTCCTGTTTCAGGCTTATGT	1824
Qy	1766	CCAGATAGCCCTTTATCTGTGGATGACTGAAGTGTACTATCTTTATATTGCACTTGTAT	1825
Db	1825	CCAGATAGCCCTTTATCTGTGGATGACTGAAGTGTACTATCTTTATATTGCACTTGTAT	1884
Qy	1826	GTCAAGTCCCTGGTTTTTGTATATGTCATPAGAACCTCTGGCATTTTAGAATTACTA	1885
Db	1885	GTCAAGTCCCTGGTTTTTGTATATGTCATPAGAACCTCTGGCATTTTAGAATTACTA	1944
Qy	1886	GCTGAAAAATTTGTAATGTCACACAGAAATATTATTGTAAGATGCTTCTTGATATAGA	1945
Db	1945	GCTGAAAAATTTGTAATGTCACACAGAAATATTATTGTAAGATGCTTCTTGATATAGA	2004
Qy	1946	TATGCCAATATTGCTTTAAATATCATCATGTATCTTCTCAGTCAATTTCTGAATCTT	2005
Db	2005	TATGCCAATATTGCTTTAAATATCATCATGTATCTTCTCAGTCAATTTCTGAATCTT	2064



QY 807 ATGGATAGCCTACGTCAGCCACCATGCCAATTCCTCAATACCCCAAGGTCCTTCAAG 866  
DB  
QY 865 ATGGATAGCCTACGTCAGCCACCATGCCAATTCCTCAATACCCCAAGGTCCTTCAAG 924  
DB  
QY 867 TGTAAATCAAGCAGGAGATATAAGGCAATGAGCTTGGTGTCTGCTATCCCTGAAAAT 926  
DB  
QY 925 TGTAAATCAAGCAGGAGATATAAGGCAATGAGCTTGGTGTCTGCTATCCCTGAAAAT 984  
QY 927 TCTGTGAAGGAGTCTCTCAGAGCCTCGTACCATCAAGACAGAAATCAAGAGTTCCTT 986  
DB  
QY 985 TCTGTGAAGGAGTCTCTCAGAGCCTCGTACCATCAAGACAGAAATCAAGAGTTCCTT 1044  
QY 987 GGTCAAAAAACAGCATGAAAAAGGCAAAATATAAAATTTATCCCAAGACCCCAAC 1046  
DB  
QY 1045 GGTCAAAAAACAGTATGAAAAAGGCAAAATATAAAATTTATCCCAAGACCCCAAC 1104  
QY 1047 AGGACTCTTACCCCTTAAGTGAATTCGAGCCCTTCAACTATGAAGAGATATTTCCAGA 1106  
DB  
QY 1105 AGGACTCTTACCCCTTAAGTGAATTCGAGCCCTTCAACTATGAAGAGATATTTCCAGA 1164  
QY 1107 GCGGGAACTCTCATGGAGTTAAAAAGGGAATGAAGAG - AAATGAAGAGGGCTTTGAG 1165  
DB  
QY 1165 GCGGGAACTCTCATGGAGTTAAAAAGGGAATGAAGAG - AAATGAAGAGGGCTTTGAG 1224  
QY 1166 GATGAGAAAGAGAGAGAGAGCCCTGAGATGACATAGAGGAGCGAGCCTCGAGGA 1225  
DB  
QY 1225 GATGAGAAAGAGAGAGAGAGCCCTGAGATGACATAGAGGAGCGAGCCTCGAGGA 1284  
QY 1226 GATGTGTTTTTCCCTTAAGTGAATGAAGCAGGTGAATTCGGCCTGATTTCTGGTCAAAAG 1285  
DB  
QY 1285 GATGTGTTTTTCCCTTAAGTGAATGAAGCAGGTGAATTCGGCCTGATTTCTGGTCAAAAG 1344  
QY 1286 AAGCCCTTAACCTCCTCAATGGAACATAAGATTTAAATATCTCGGTGACATGCGCTTC 1345  
DB  
QY 1345 AAGCCCTTAACCTCCTCAATGGAACATAAGATTTAAATATCTCGGTGACATGCGCTTC 1404  
QY 1346 AATCATGGGATCTGTGACTGGAACACAGATAGAGAGATGATTTTGAATGGAATCTCTGCT 1405  
DB  
QY 1405 AATCATGGGATCTGTGACTGGAACACAGATAGAGAGATGATTTTGAATGGAATCTCTGCT 1464  
QY 1406 GATCGAGATATGCTATGCTTATATGAGGATTCGGGCTTGGCAGGTGACAGAGAA 1465  
DB  
QY 1465 GATCGAGATATGCTATGCTTATATGAGGATTCGGGCTTGGCAGGTGACAGAGAA 1524  
QY 1466 GACATTTGGCGATTGAAACTTCTCTACCTGACCTGCAACCCCAAGCAACTCTCTGTTG 1525  
DB  
QY 1525 GACATTTGGCGATTGAAACTTCTCTACCTGACCTGCAACCCCAAGCAACTCTCTGTTG 1584  
QY 1526 CTCTTTGATTACCGGCTGGCGGAGACAAAGTCGGGAAACTTCGAGTGTGTTGAAAAAC 1585  
DB  
QY 1585 CTCTTTGATTACCGGCTGGCGGAGACAAAGTCGGGAAACTTCGAGTGTGTTGAAAAAC 1644  
QY 1586 AGTAAACAATGCCCTGGCATGGGAGAGACACAGATGAGATGAAAGTGGAGACAGAGG 1645  
DB  
QY 1645 AGTAAACAATGCCCTGGCATGGGAGAGACACAGATGAGATGAAAGTGGAGACAGAGG 1704  
QY 1646 AAAATTCAGTGTATCAAGAACTGATGCTACAAAAGCATCATTTTGGAGCGAGACGT 1705  
DB  
QY 1705 AAAATTCAGTGTATCAAGAACTGATGCTACAAAAGCATCATTTTGGAGCGAGACGT 1764  
QY 1706 GGCAGGCGAAACCGCGGAAATCGCAGTGGATGGCTCTGCTGTTTTCAGGCTTATGT 1765  
DB  
QY 1765 GGCAGGCGAAACCGCGGAAATCGCAGTGGATGGCTCTGCTGTTTTCAGGCTTATGT 1824  
QY 1766 CCAGATAGCCCTTTATCTGTGGATGATGAAATGTTACTATCTTTTATATTTGACTTTGAT 1825  
DB  
QY 1825 CCAGATAGCCCTTTATCTGTGGATGATGAAATGTTACTATCTTTTATATTTGACTTTGAT 1884  
QY 1826 GTGAGTTCCTGCTTTTGTATGATTCATGAGCCTCTGCAATTTAGATTTACTA 1885  
DB  
QY 1885 GTGAGTTCCTGCTTTTGTATGATTCATGAGCCTCTGCAATTTAGATTTACTA 1944

QY 1886 GCTGAAAAATTTGTAATGTACCAACAGAAATATTATTGTAAGATGCCTTTCTGTATAAGA 1945  
DB  
QY 1945 GCTGAAAAATTTGTAATGTACCAACAGAAATATTATTGTAAGATGCCTTTCTGTATAAGA 2004  
QY 1946 TATGCCAATATTTGCTTTAAATATATATCATCATGTATCTTCTCAGTCATTTCTGAATCTT 2005  
DB  
QY 2005 TATGCCAATATTTGCTTTAAATATATATCATCATGTATCTTCTCAGTCATTTCTGAATCTT 2064  
QY 2006 TCCNCATTTATTTATAAAATNTGAAANGTCAGTTTATCTTCCCTCTCTCNGTATATCTGA 2065  
DB  
QY 2065 TCCACATTTATTTATAAAATATGGAATGTGAGTTTATCTTCCCTCTCTCAGTATATCTGA 2124  
QY 2066 TTTGTATATGANGTTCATGNGCTTCTCTCTACACATTTCTTGAAGAAATAGAAAAAAG 2125  
DB  
QY 2125 TTTGTATATGANGTTCATGAGCTTCTCTCTACACATTTCTTGAAGAAATAGAAAAAAG 2184  
QY 2126 CACAGAGAAATGTTTAACTGTTTGAATCTTATGATATCTTCTGGAATATGACATCAA 2185  
DB  
QY 2185 CACAGAGAAATGTTTAACTGTTTGAATCTTATGATATCTTCTGGAATATGACATCAA 2244  
QY 2186 GATGACATTTTGCCTTAAGTGGCTTAGCTGGTCTTTCATAGCCAAACTTGTATATTT-AA 2244  
DB  
QY 2245 GATGACATTTTGCCTTAAGTGGCTTAGCTGGTCTTTCATAGCCAAACTTGTATATTTAAA 2304  
QY 2245 TTCTTTTGAATAATAA 2260  
DB  
QY 2305 TTCTTTTGAATAATAA 2320

RESULT 59  
AAL43904  
ID AAL43904 standard; cDNA; 2360 BP.  
XX  
AC AAL43904;  
XX  
DT 19-SEP-2002 (first entry)  
XX  
DE Human EGF motif-containing protein coding sequence, SEQ ID No 27.  
XX  
KW Human; gene; ss; epidermal growth factor motif; EGF motif; EGF6;  
KW epithelial tissue growth; tissue repair; tissue regeneration;  
KW corneal transplant healing; skin graft; wound healing; cancer; leukaemia;  
KW nervous system disorder; infection; autoimmune disorder; inflammation;  
KW multiple sclerosis; anaemia; periodontal disease; haemophilia;  
KW fertility enhancement.  
OS Homo sapiens.  
FH Key Location/Qualifiers  
FT CDS 190..1869  
FT /\*tag= a  
FT /product= "Human EGF motif-containing protein SEQ ID #28"  
XX  
WO200230977-A2.  
XX  
PD 18-APR-2002.  
XX  
PF 15-OCT-2001; 2001WO-US032257.  
XX  
PR 13-OCT-2000; 2000US-00687860.  
XX  
XX (HYSE-) HYSEQ INC.  
XX  
XX Aaundi V, Ford JE, Drmanac RT, Liu C, Yamasaki V, Yeung G;  
XX Tang TY, Zhang J, Zhou P, Zhou H;  
XX WPI; 2002-426270/45.  
XX P-PSDB; AAO15369.  
XX Novel isolated epidermal growth factor motif polypeptide, termed EGF6,  
XX for treating cancer, nervous system disorders, immune deficiencies,  
XX autoimmune disorders, coagulation disorders and inflammatory conditions.

















```
QY 1861 GACCTCTGGCATTCTTGAATTAAGTCTGAAATAATGTAATGTACCAACAGAAATATTAT 1920
Db |||||||
QY 438 GACCTCTGGCATTCTTGAATTAAGTCTGAAATAATGTAATGTACCAACAGAAATATTAT 379
Db |||||||
QY 1921 TGTAAGATGCCCTTCTTGTATTAAG-ATATGCCAATATTGCTTTAAATATCATATCACTG 1979
Db |||||||
QY 378 TGTAAGATGCCCTTCTTGTATTAAGATATGCCAATATTGCTTTAAATATCATATCACTG 319
Db |||||||
QY 1980 TATCTTCTCAGTCANTTCTGAATCTTTCNCNCAATTATATATAAAATNTGAAANGTCAGT 2039
Db |||||||
QY 318 TATCTTCTCAGTCANTTCTGAATCTTTCNCNCAATTATATATAAAATNTGAAANGTCAGT 259
Db |||||||
QY 2040 TT-----ATCTCCCTCCTCNGTATAT-CTGATTTGTATANGTGTGATGCTTCTCT 2094
Db |||||||
QY 258 TTTATCCTCCCTCCCTCAGTATATCTTGATTTGTATAGTATGATGCTTCTCT 199
Db |||||||
QY 2095 CTACAAC-----ATTCTAGAAAATAG-AAAAAAGCACAGAGAAATGTTTAACTGTTT 2148
Db |||||||
QY 198 CTAAACCCACATTTCTAGAAAATAGAAAAGAACAGAGAAATGTTTAACTGTTT 139
Db |||||||
QY 2149 GACTCTTATGATACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCCTAAGTGGCT 2208
Db |||||||
QY 138 GACTCTTATGATACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCCTAAGTGGCT 79
Db |||||||
QY 2209 TAGCTGGGTCTTTTCATAGCCAACTTTGTATATT-AAATCTTTGTAATAATAA 2260
Db |||||||
QY 78 TAGCTGGGTCTTTTCATAGCCAACTTTGTATATT-AAATCTTTGTAATAATAA 26
Db |||||||
```

Search completed: June 14, 2004, 20:58:44  
Job time : 911 secs





88 2219.2 98.2 2398 13 US-10-058-270A-101 Sequence 101, App  
89 2219.2 98.2 2398 13 US-10-342-887-1565 Sequence 1565, App  
90 2219.2 98.2 2398 13 US-10-172-118-1565 Sequence 1565, App  
91 2219.2 98.2 2398 16 US-10-295-027-493 Sequence 493, App  
92 2219.2 98.2 2398 16 US-10-295-027-811 Sequence 811, App  
93 2219.2 98.2 2398 16 US-10-295-027-840 Sequence 840, App  
94 2219.2 98.2 2398 16 US-10-173-999-45 Sequence 45, App  
95 2219.2 98.2 2398 17 US-10-188-832-188 Sequence 188, App  
96 2219.2 98.2 2435 10 US-09-796-753-13 Sequence 13, App  
97 2206.2 97.6 2413 9 US-09-981-649A-31 Sequence 31, App  
98 2206.2 97.6 2413 13 US-10-399-123-31 Sequence 31, App  
99 2206.2 97.6 2413 15 US-10-124-986-31 Sequence 31, App  
100 2206.2 97.6 2413 15 US-10-037-270-189 Sequence 189, App  
101 2206.2 97.6 2413 15 US-10-136-227A-31 Sequence 31, App  
102 2206.2 97.6 2413 15 US-10-112-881-31 Sequence 31, App  
103 2206.2 97.6 2413 16 US-10-117-722-189 Sequence 189, App  
104 2176.6 96.3 2365 9 US-09-981-649A-23 Sequence 23, App  
105 2176.6 96.3 2365 13 US-10-399-123-23 Sequence 23, App  
106 2176.6 96.3 2365 15 US-10-124-986-23 Sequence 23, App  
107 2176.6 96.3 2365 15 US-10-136-227A-23 Sequence 23, App  
108 2176.6 96.3 2365 15 US-10-112-881-23 Sequence 23, App  
109 2176.6 96.2 2365 9 US-09-981-649A-5 Sequence 5, App  
110 2174.6 96.2 2365 13 US-10-399-123-5 Sequence 5, App  
111 2174.6 96.2 2365 15 US-10-124-986-5 Sequence 5, App  
112 2174.6 96.2 2365 15 US-10-136-227A-5 Sequence 5, App  
113 2174.6 96.2 2365 15 US-10-112-881-5 Sequence 5, App  
114 2170.6 96.0 2345 9 US-09-981-649A-29 Sequence 29, App  
115 2170.6 96.0 2345 13 US-10-399-123-29 Sequence 29, App  
116 2170.6 96.0 2345 15 US-10-124-986-29 Sequence 29, App  
117 2170.6 96.0 2345 15 US-10-136-227A-29 Sequence 29, App  
118 2170.6 96.0 2345 15 US-10-112-881-29 Sequence 29, App  
119 2155.6 95.4 2360 9 US-09-981-649A-27 Sequence 27, App  
120 2155.6 95.4 2360 13 US-10-399-123-27 Sequence 27, App  
121 2155.6 95.4 2360 15 US-10-124-986-27 Sequence 27, App  
122 2155.6 95.4 2360 15 US-10-136-227A-27 Sequence 27, App  
123 2155.6 95.4 2360 15 US-10-112-881-27 Sequence 27, App

## ALIGNMENTS

## RESULT 1

US-09-978-295A-118

; Sequence 118, Application US/09978295A

; Patent No. US20020156006A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas P.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C11  
; CURRENT APPLICATION NUMBER: US/09/978,295A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08



661 ATGAATGTCCTCTGCTAAAGTCACTCTGTCCTCAATCGAAGATGTGTGAACACATTTG 720  
Db  
661 ATGAATGTCCTCTGCTAAAGTCACTCTGTCCTCAATCGAAGATGTGTGAACACATTTG 720  
Qy  
721 GAAGCTACTACTGCAAAATGTACATCTGTTTCGAATCGAATATATCATGTGGAGCATATG 780  
Db  
721 GAAGCTACTACTGCAAAATGTACATCTGTTTCGAATCGAATATATCATGTGGAGCATATG 780  
Qy  
781 ACTGTATAGATATAAATGAATGTACTATGATAGCATTATGATAGCATTATGATAGCATTAT 840  
Db  
781 ACTGTATAGATATAAATGAATGTACTATGATAGCATTATGATAGCATTATGATAGCATTAT 840  
Qy  
841 GCTTCAATACCCAGAGGTCCTTCAAGTGTAAATGCAAGCAGGATATATGAAGCAATGGAC 900  
Db  
841 GCTTCAATACCCAGAGGTCCTTCAAGTGTAAATGCAAGCAGGATATATGAAGCAATGGAC 900  
Qy  
901 TTCCGTTGTTCTGCTATCCCTGAAATCTCTGTAAGGAAGTCTCTAGAGCCTCTGTTACCA 960  
Db  
901 TTCCGTTGTTCTGCTATCCCTGAAATCTCTGTAAGGAAGTCTCTAGAGCCTCTGTTACCA 960  
Qy  
961 TCAAGACAGAAATCAAGAAATGTTGTTGCTCAAAAAAGCATGAAAGAAAGGCAAAAA 1020  
Db  
961 TCAAGACAGAAATCAAGAAATGTTGTTGCTCAAAAAAGCATGAAAGAAAGGCAAAAA 1020  
Qy  
1021 TTAAAAATGTTACCCAGAACCCACAGAGCTCTTACCCCTAAGGTGAATCTGAGCCCT 1080  
Db  
1021 TTAAAAATGTTACCCAGAACCCACAGAGCTCTTACCCCTAAGGTGAATCTGAGCCCT 1080  
Qy  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG 1140  
Db  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG 1140  
Qy  
1141 AAGAGAAATGAAGAGGCTTGAAGTGAAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Db  
1141 AAGAGAAATGAAGAGGCTTGAAGTGAAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Qy  
1201 CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db  
1201 CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Qy  
1261 ATTCCGCTGATCTGTTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320  
Db  
1261 ATTCCGCTGATCTGTTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320  
Qy  
1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGAGTCTGCTGCTGGAAGAGAGAGAGAG 1380  
Db  
1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGAGTCTGCTGCTGGAAGAGAGAGAGAG 1380  
Qy  
1381 AGATGATTTGATGGAATCTGCTGATGAGAGATATGCTATTTGGCTTCTATATGGCAGT 1440  
Db  
1381 AGATGATTTGATGGAATCTGCTGATGAGAGATATGCTATTTGGCTTCTATATGGCAGT 1440  
Qy  
1441 TCCGGCTTTGGCAGGTCAAGAAAGACATTTGGCGATTGAAACTTCTCTACCTGACCT 1500  
Db  
1441 TCCGGCTTTGGCAGGTCAAGAAAGACATTTGGCGATTGAAACTTCTCTACCTGACCT 1500  
Qy  
1501 GCAACCCAAAGCAATCTGTTGCTCTTTGATTAACCGGTGCGCGAGAGCAAAAGTCGG 1560  
Db  
1501 GCAACCCAAAGCAATCTGTTGCTCTTTGATTAACCGGTGCGCGAGAGCAAAAGTCGG 1560  
Qy  
1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAAACAATGCGCTGCGATGGAGAGAGACAGAG 1620  
Db  
1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAAACAATGCGCTGCGATGGAGAGAGACAGAG 1620  
Qy  
1621 TGAGGATGAAAGTGGAG 1680  
Db  
1621 TGAGGATGAAAGTGGAG 1680  
Qy  
1681 AAGCATCATTTTTTGAAGCAG 1740  
Db  
1681 AAGCATCATTTTTTGAAGCAG 1740  
Qy  
1741 CGTCTGCTGTTGTTGAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800

1741 CGTCTGCTGTTGTTGAGGCTTATGTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
Qy  
1801 ACTATCTTTATATTTGACTTTTGTATGTCAGTCCCTGGTTTCTTTTGTATTTGATCATAG 1860  
Db  
1801 ACTATCTTTATATTTGACTTTTGTATGTCAGTCCCTGGTTTCTTTTGTATTTGATCATAG 1860  
Qy  
1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGAATTTACTGAAACAGAAATATAT 1920  
Db  
1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGAATTTACTGAAACAGAAATATAT 1920  
Qy  
1921 TGTAAAGTGCCTTCTTGTGTATGATATGCAATTTGCTTTTAAATATCATATCACTGT 1980  
Db  
1921 TGTAAAGTGCCTTCTTGTGTATGATATGCAATTTGCTTTTAAATATCATATCACTGT 1980  
Qy  
1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCAATATATATTAATAAATNTGGAANGTCAGTT 2040  
Db  
1981 ATCTTCTCAGTCATTTCTGAAATCTTCCNCAATATATATTAATAAATNTGGAANGTCAGTT 2040  
Qy  
2041 TATCTCCCTCCTCNGTATATCTGATTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100  
Db  
2041 TATCTCCCTCCTCNGTATATCTGATTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100  
Qy  
2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
Db  
2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
Qy  
2161 ACTTCTTGGAAACTATGACATCAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220  
Db  
2161 ACTTCTTGGAAACTATGACATCAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTT 2220  
Qy  
2221 TCATAGCCCAACTTGTATATTTTAAATCTTTTGTATATAA 2260  
Db  
2221 TCATAGCCCAACTTGTATATTTTAAATCTTTTGTATATAA 2260

RESULT 2

US-09-978-697-118  
; Sequence 118, Application US/09978697  
; Patent No. US20020169284A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Geritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC27  
; CURRENT APPLICATION NUMBER: US/09/978,697  
; CURRENT FILING DATE: 2001-10-16



1	PRIOR APPLICATION NUMBER: 60/085330
2	PRIOR FILING DATE: 1998-05-13
3	PRIOR APPLICATION NUMBER: 60/085323
4	PRIOR FILING DATE: 1998-05-13
5	PRIOR APPLICATION NUMBER: 60/085582
6	PRIOR FILING DATE: 1998-05-15
7	PRIOR APPLICATION NUMBER: 60/085700
8	PRIOR FILING DATE: 1998-05-15
9	PRIOR APPLICATION NUMBER: 60/085689
10	PRIOR FILING DATE: 1998-05-15
11	PRIOR APPLICATION NUMBER: 60/085579
12	PRIOR FILING DATE: 1998-05-15
13	PRIOR APPLICATION NUMBER: 60/085580
14	PRIOR FILING DATE: 1998-05-15
15	PRIOR APPLICATION NUMBER: 60/085573
16	PRIOR FILING DATE: 1998-05-15
17	PRIOR APPLICATION NUMBER: 60/085704
18	PRIOR FILING DATE: 1998-05-15
19	PRIOR APPLICATION NUMBER: 60/085697

Query Match	99.7%; Score 2253; DB 9; Length 2260;
Best Local Similarity	100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	1 CGAGCGCTGGTGTGAGTGTGAGCGAGGAGCCGAGCGGCTGAGAGAGAGAGAGCGCGCG 60
DB	1 CGAGCGCTGGTGGAGTGTGAGCGAGAGAGCCGAGCGGCTGAGAGAGAGAGAGCGCGCG 60
QY	61 GCTTAGCTGTACGGGGTCCGGCCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAAGGA 120
DB	61 GCTTAGCTGTACGGGGTCCGGCCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAAGGA 120
QY	121 GGACCCGTCGAGAAATGCTCTGCCCCCTGGAGCCTTGGCGTCCCGCTGTGCTCTCTCTGG 180
DB	121 GGACCCGTCGAGAAATGCTCTGCCCCCTGGAGCCTTGGCGTCCCGCTGTGCTCTCTCTGG 180
QY	181 TGGCAGGTGCTTTTCGGGAAACGCGCCAGTCAGAGGCATCACGGGTTGTTAGCATCGGCAC 240
DB	181 TGGCAGGTGCTTTTCGGGAAACGCGCCAGTCAGAGGCATCACGGGTTGTTAGCATCGGCAC 240
QY	241 GTACGCTGGGGTCTGTCACTATGGAACATAACCTGCGCTGCTACGCTCGGAGAGAA 300
DB	241 GTACGCTGGGGTCTGTCACTATGGAACATAACCTGCGCTGCTACGCTCGGAGAGAA 300
QY	301 ACAGCAAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAATTTGTTAGTGTGCTGG 360
DB	301 ACAGCAAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAATTTGTTAGTGTGCTGG 360
QY	361 GACCAAAACAATGCAGATGCTTTCCAGGATACACCGGGAAAACCTGCAGTCAAGATGTGA 420
DB	361 GACCAAAACAATGCAGATGCTTTCCAGGATACACCGGGAAAACCTGCAGTCAAGATGTGA 420
QY	421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAAACACAGATGTGTGAATACACACGGAAGCT 480
DB	421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAAACACAGATGTGTGAATACACACGGAAGCT 480
QY	481 ACAAGTCTTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGTGAACCTTA 540
DB	481 ACAAGTCTTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGTGAACCTTA 540
QY	541 GGACATGTGCCATGATAAATCTGTCAGTACAGCTGTGTGAAGACACAGAAAGAGGCCACAGT 600
DB	541 GGACATGTGCCATGATAAATCTGTCAGTACAGCTGTGTGAAGACACAGAAAGAGGCCACAGT 600
QY	601 GCCTGTGTCCATCTTCAGGAATCTCGCCTGGCCCCAAATGGAAGAGACTCTCTAGATATTG 660
DB	601 GCCTGTGTCCATCTTCAGGAATCTCGCCTGGCCCCAAATGGAAGAGACTCTCTAGATATTG 660
QY	661 ATGAATGTGCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACATTTG 720
DB	661 ATGAATGTGCCTCTGGTAAAGTCATCTGTCCCTACAAATCGAAGATGTGTGAACATTTG 720
QY	721 GAAGCTACTACTGCAAAATGTCAATTTGGTATTCGAACATGCAATATATCACTGGACGAGTATG 780

780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
841  
842  
843  
844  
845  
846  
847  
848  
849  
850  
851  
852  
853  
854  
855  
856  
857  
858  
859  
860  
861  
862  
863  
864  
865  
866  
867  
868  
869  
870  
871  
872  
873  
874  
875  
876  
877  
878  
879  
880  
881  
882  
883  
884  
885  
886  
887  
888  
889  
890  
891  
892  
893  
894  
895  
896  
897  
898  
899  
900  
901  
902  
903  
904  
905  
906  
907  
908  
909  
910  
911  
912  
913  
914  
915  
916  
917  
918  
919  
920  
921  
922  
923  
924  
925  
926  
927  
928  
929  
930  
931  
932  
933  
934  
935  
936  
937  
938  
939  
940  
941  
942  
943  
944  
945  
946  
947  
948  
949  
950  
951  
952  
953  
954  
955  
956  
957  
958  
959  
960  
961  
962  
963  
964  
965  
966  
967  
968  
969  
970  
971  
972  
973  
974  
975  
976  
977  
978  
979  
980  
981  
982  
983  
984  
985  
986  
987  
988  
989  
990  
991  
992  
993  
994  
995  
996  
997  
998  
999  
1000



Db 1801 ACTATCTTTATATTGACCTTGTATGTCAGTTCCCTGGTTTTTTTGATATTGCATCATAG 1860  
QY 1861 GACCTCTGCATTTAGATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGCATTTAGAAATTTACTAGCTGAAAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAGATGCCCTTTCTTGTAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAGATGCCCTTTCTTGTAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTAGTCATTTCTGAATCTTTCNCATATATATATAAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTAGTCATTTCTGAATCTTTCNCATATATATATAAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCCTGCTATATCTGATTTGTATGANTGTTGATGNGCTTCTCTCAAA 2100  
Db 2041 TATCTCCCTCTCCTGCTATATCTGATTTGTATGANTGTTGATGNGCTTCTCTCAAA 2100  
QY 2101 CATTTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAATAGAAAAAAGACAGAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
QY 2161 ACTTCTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGCTT 2220  
Db 2161 ACTTCTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTAGCTGGGCTT 2220  
QY 2221 TCATAGCCAACTTGTATATTTTAAATCTTTGTAATAATAA 2260  
Db 2221 TCATAGCCAACTTGTATATTTTAAATCTTTGTAATAATAA 2260

## RESULT 3

US-09-978-192A-118  
; Sequence 118, Application US/09978192A  
; Patent No. US2002017753A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Oiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC9  
; CURRENT APPLICATION NUMBER: US/09/978,192A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15



Db 781 ACTGTATAGATATAAATGAATGACTATGATAGCCATATACCTGTCAGCCACCCATGCCCAATT 840  
QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGTCAGCAGGAGATATAGAGGCAATGAC 900  
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGTCAGCAGGAGATATAGAGGCAATGAC 900  
QY 901 TTCGGTGTCTCTATCCCTGAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960  
Db 901 TTCGGTGTCTCTATCCCTGAAATTCGTGAAGGAAGTCTCTCAGAGCACCTGGTACCA 960  
QY 961 TCAAGAGACAGATCAAGAGTGTCTTCCACAAACACAGCATGAAAGAGGCAAAAA 1020  
Db 961 TCAAGAGACAGATCAAGAGTGTCTTCCACAAACACAGCATGAAAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTCTACCCCTAAGGTGAATCTTGACGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTCTACCCCTAAGGTGAATCTTGACGCCCT 1080  
QY 1081 TCAACTATCAAGAGATAGTTTCCAGAGGCGGAACTCTCATGGAGGTAAAGAGGGAATG 1140  
Db 1081 TCAACTATCAAGAGATAGTTTCCAGAGGCGGAACTCTCATGGAGGTAAAGAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200  
QY 1201 CATAGAGAGCGAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTCCGCCCTGATTCGTGCTCCAAAGGAAAGCGCTAACTTCCAAAGCTGGAACATGAAGATTT 1320  
Db 1261 ATTCCGCCCTGATTCGTGCTCCAAAGGAAAGCGCTAACTTCCAAAGCTGGAACATGAAGATTT 1320  
QY 1321 AAATATCTCGGTGACTCGAGCTTCAATCATGGGATCTGACTTGGAAACAGGATAGAGA 1380  
Db 1321 AAATATCTCGGTGACTCGAGCTTCAATCATGGGATCTGACTTGGAAACAGGATAGAGA 1380  
QY 1381 AGATGATTTGACTCGAATCCTGCTGATCGAGATTAATGCTATTCGGCTCTATATGCGAGT 1440  
Db 1381 AGATGATTTGACTCGAATCCTGCTGATCGAGATTAATGCTATTCGGCTCTATATGCGAGT 1440  
QY 1441 TCCGCCCTTGGCAGTCTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACTGACCT 1500  
Db 1441 TCCGCCCTTGGCAGTCTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACTGACCT 1500  
QY 1501 GCAACCCCAAGCACTTCTGTTGCTTTGATTAACCGGCTGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCACTTCTGTTGCTTTGATTAACCGGCTGCGGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACAATGCCCTGATGGAGAGACCCAGAG 1620  
Db 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACAATGCCCTGATGGAGAGACCCAGAG 1620  
QY 1621 TGAGGATGAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAATCATGCTACCAA 1680  
Db 1621 TGAGGATGAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAATCATGCTACCAA 1680  
QY 1681 AAGCATCAATTTTGAAGCAGAACCTGGCAGGCAAAACCGGCAAAATCCAGTGGATGG 1740  
Db 1681 AAGCATCAATTTTGAAGCAGAACCTGGCAGGCAAAACCGGCAAAATCCAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTTCAGGCTATGTCAGATAGCTTTTATCTGTGATGACATGAATGTT 1800  
Db 1741 CGTCTGCTGTTTTCAGGCTATGTCAGATAGCTTTTATCTGTGATGACATGAATGTT 1800  
QY 1801 ACTATCTTTATATTTGACTTGTATGTCAGTTCCTGCTTTTTTTTGTATTTGATCATATAG 1860  
Db 1801 ACTATCTTTATATTTGACTTGTATGTCAGTTCCTGCTTTTTTTTGTATTTGATCATATAG 1860  
QY 1861 GACCTCTGCAATTTAGAAATTAATGACTGCAAAAAATGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGCAATTTAGAAATTAATGACTGCAAAAAATGTAATGTACCAACAGAAATATTAT 1920

RESULT 4

US-09-999-832A-118  
; Sequence 118, Application US/09999832A  
; Publication No. US20020192706A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630FIC83  
; CURRENT APPLICATION NUMBER: US/09/999,832A  
; CURRENT FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21

QY 1921 TGTAAGATGCTTTTCTGTTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAGATGCTTTTCTGTTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCATTTATATATAAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCATTTATATATAAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGGTCTT 2220  
Db 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTAGCTGGGTCTT 2220  
QY 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260  
Db 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260

1	;	PRIOR APPLICATION NUMBER: 60/077450
2	;	PRIOR FILING DATE: 1998-03-10
3	;	PRIOR APPLICATION NUMBER: 60/077632
4	;	PRIOR FILING DATE: 1998-03-11
5	;	PRIOR APPLICATION NUMBER: 60/077641
6	;	PRIOR FILING DATE: 1998-03-11
7	;	PRIOR APPLICATION NUMBER: 60/077649
8	;	PRIOR FILING DATE: 1998-03-11
9	;	PRIOR APPLICATION NUMBER: 60/077791
10	;	PRIOR FILING DATE: 1998-03-12
11	;	PRIOR APPLICATION NUMBER: 60/078004
12	;	PRIOR FILING DATE: 1998-03-13
13	;	PRIOR APPLICATION NUMBER: 60/078086
14	;	PRIOR FILING DATE: 1998-03-20
15	;	PRIOR APPLICATION NUMBER: 60/078936
16	;	PRIOR FILING DATE: 1998-03-20
17	;	PRIOR APPLICATION NUMBER: 60/078910
18	;	PRIOR FILING DATE: 1998-03-20
19	;	PRIOR APPLICATION NUMBER: 60/078939
20	;	PRIOR FILING DATE: 1998-03-20
21	;	PRIOR APPLICATION NUMBER: 60/079294
22	;	PRIOR FILING DATE: 1998-03-25
23	;	PRIOR APPLICATION NUMBER: 60/079656
24	;	PRIOR FILING DATE: 1998-03-26
25	;	PRIOR APPLICATION NUMBER: 60/079664
26	;	PRIOR FILING DATE: 1998-03-27
27	;	PRIOR APPLICATION NUMBER: 60/079689
28	;	PRIOR FILING DATE: 1998-03-27
29	;	PRIOR APPLICATION NUMBER: 60/079663
30	;	PRIOR FILING DATE: 1998-03-27
31	;	PRIOR APPLICATION NUMBER: 60/079728
32	;	PRIOR FILING DATE: 1998-03-27
33	;	PRIOR APPLICATION NUMBER: 60/079786
34	;	PRIOR FILING DATE: 1998-03-27
35	;	PRIOR APPLICATION NUMBER: 60/079920
36	;	PRIOR FILING DATE: 1998-03-30
37	;	PRIOR APPLICATION NUMBER: 60/079923
38	;	PRIOR FILING DATE: 1998-03-30
39	;	PRIOR APPLICATION NUMBER: 60/080105
40	;	PRIOR FILING DATE: 1998-03-31
41	;	PRIOR APPLICATION NUMBER: 60/080107
42	;	PRIOR FILING DATE: 1998-03-31
43	;	PRIOR APPLICATION NUMBER: 60/080165
44	;	PRIOR FILING DATE: 1998-03-31
45	;	PRIOR APPLICATION NUMBER: 60/080194
46	;	PRIOR FILING DATE: 1998-03-31
47	;	PRIOR APPLICATION NUMBER: 60/080327
48	;	PRIOR FILING DATE: 1998-04-01
49	;	PRIOR APPLICATION NUMBER: 60/080328
50	;	PRIOR FILING DATE: 1998-04-01
51	;	PRIOR APPLICATION NUMBER: 60/080333
52	;	PRIOR FILING DATE: 1998-04-01
53	;	PRIOR APPLICATION NUMBER: 60/080334
54	;	PRIOR FILING DATE: 1998-04-01
55	;	PRIOR APPLICATION NUMBER: 60/081070
56	;	PRIOR FILING DATE: 1998-04-08
57	;	PRIOR APPLICATION NUMBER: 60/081049
58	;	PRIOR FILING DATE: 1998-04-08
59	;	PRIOR APPLICATION NUMBER: 60/081071
60	;	PRIOR FILING DATE: 1998-04-08
61	;	PRIOR APPLICATION NUMBER: 60/081195
62	;	PRIOR FILING DATE: 1998-04-08
63	;	PRIOR APPLICATION NUMBER: 60/081203
64	;	PRIOR FILING DATE: 1998-04-09
65	;	PRIOR APPLICATION NUMBER: 60/081229
66	;	PRIOR FILING DATE: 1998-04-09
67	;	PRIOR APPLICATION NUMBER: 60/081955
68	;	PRIOR FILING DATE: 1998-04-15
69	;	PRIOR APPLICATION NUMBER: 60/081817
70	;	PRIOR FILING DATE: 1998-04-15
71	;	PRIOR APPLICATION NUMBER: 60/081819
72	;	PRIOR FILING DATE: 1998-04-15
73	;	PRIOR APPLICATION NUMBER: 60/081952

; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 9; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACCGCTGGGTGGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
DB 1 CGGACCGCTGGGTGGAGTGGAGCGGAGCGGAGCGGCTGAGGAGAGGAGGCGGCG 60  
QY 61 GCTTAGCTCTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGAGGAGGAAGGA 120  
DB 61 GCTTAGCTCTACGGGGTCCGGCCGGCCCTCCGAGGGGGCTCAGAGGAGGAAGGA 120  
QY 121 GGACCGCTGCGAGATGCTCTGCCCTCGAGCCTTGGCTCCCGCTGCTGCTCTCTGGG 180  
DB 121 GGACCGCTGCGAGATGCTCTGCCCTCGAGCCTTGGCTCCCGCTGCTGCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTTCGGGAACCGCGCCAGTGAAGGCATCACGGGTGTTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTCGGGAACCGCGCCAGTGAAGGCATCACGGGTGTTAGCATCGGCAC 240  
QY 241 GTCAGCCTGGGTCTGCTACATGGAATGAACTGAACTGGCTGCTAGCGGTGAGGAAGAA 300  
DB 241 GTCAGCCTGGGTCTGCTACATGGAATGAACTGAACTGGCTGCTAGCGGTGAGGAAGAA 300  
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGAACCTGGATGTAAGTTTGGTGAAGTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGAACCTGGATGTAAGTTTGGTGAAGTGG 360  
QY 361 GACCAACCAATGAGATGCTTTCAGGATACACCGGGAACCTCGAGTCAAGATGTA 420  
DB 361 GACCAACCAATGAGATGCTTTCAGGATACACCGGGAACCTCGAGTCAAGATGTA 420  
QY 421 ATGAGTGTGGAAATGAAACCCCGGCCATGCCAACACAGATGTGCAATACACAGGAAGCT 480  
DB 421 ATGAGTGTGGAAATGAAACCCCGGCCATGCCAACACAGATGTGCAATACACAGGAAGCT 480  
QY 481 ACAAGTGTCTTTCAGTGGCCATGCTCATGCCAGATGCTCATGCCAGATGCTGTGAAGTCTA 540  
DB 481 ACAAGTGTCTTTCAGTGGCCATGCTCATGCCAGATGCTCATGCCAGATGCTGTGAAGTCTA 540  
QY 541 GGACATGTGCCATGATAAAGTCTGAGTACAGCTGTGAGACACAGAGAGAGGGCCACAGT 600  
DB 541 GGACATGTGCCATGATAAAGTCTGAGTACAGCTGTGAGACACAGAGAGAGGGCCACAGT 600  
QY 601 GCCTGTGCTCCATCTCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
DB 601 GCCTGTGCTCCATCTCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
QY 661 ATGATGTGCTCTGGTAAAGTCACTGTCCCTACATCGAAGATGTGAAACACATTG 720  
DB 661 ATGATGTGCTCTGGTAAAGTCACTGTCCCTACATCGAAGATGTGAAACACATTG 720  
QY 721 GAAGTACTACTGCAAAATGTGCAATGCTTTCGAACCTGCAATATATCAGTGGACGATATG 780  
DB 721 GAAGTACTACTGCAAAATGTGCAATGCTTTCGAACCTGCAATATATCAGTGGACGATATG 780  
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
DB 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATCAAGCAGGGATATAAGGCAATGGAC 900  
DB 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATCAAGCAGGGATATAAGGCAATGGAC 900

QY 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTCTGGTACCA 960  
DB 901 TTCGGTGTCTGCTATCCCTGAAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTCTGGTACCA 960  
QY 961 TCAGAGACAGAAATCAAGAAAGTTGCTCTCAGAAAAACAGCATGAAAAAGAGCAAAAA 1020  
DB 961 TCAGAGACAGAAATCAAGAAAGTTGCTCTCAGAAAAACAGCATGAAAAAGAGCAAAAA 1020  
QY 1021 TTAAAAATGTTTACCCAGAACCCACAGGACTCTCACCCTTAAGGTGAATCTGCAGCCCT 1080  
DB 1021 TTAAAAATGTTTACCCAGAACCCACAGGACTCTCACCCTTAAGGTGAATCTGCAGCCCT 1080  
QY 1081 TCACACTATGAGAGATAGTTTTCAGAGCGCGGACTCTCATGAGGTGTAATAAGGGAATG 1140  
DB 1081 TCACACTATGAGAGATAGTTTTCAGAGCGCGGACTCTCATGAGGTGTAATAAGGGAATG 1140  
QY 1141 AAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTCTGAAGAAATGA 1200  
DB 1141 AAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTCTGAAGAAATGA 1200  
QY 1201 CATAGAGAGCGAAGCCTCGAGGAGATGTGTTTCCCTTAAGGTGAATCAAGCAGGTGA 1260  
DB 1201 CATAGAGAGCGAAGCCTCGAGGAGATGTGTTTCCCTTAAGGTGAATCAAGCAGGTGA 1260  
QY 1261 ATTGGCCCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320  
DB 1261 ATTGGCCCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320  
QY 1321 AATATCTCGGTTGACTGACGCTCAATCATGGAATGCTGACTGGAACAGATAGAGA 1380  
DB 1321 AATATCTCGGTTGACTGACGCTCAATCATGGAATGCTGACTGGAACAGATAGAGA 1380  
QY 1381 AGATGATTTTCACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
DB 1381 AGATGATTTTCACTGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
QY 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATGAAATCTCTCTACCTGACCT 1500  
DB 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATGAAATCTCTCTACCTGACCT 1500  
QY 1501 GCACCCCAAGCAACTTCTGTTGCTTTTGTATTACCGGCTGGCCGAGACAAAGTCGG 1560  
DB 1501 GCACCCCAAGCAACTTCTGTTGCTTTTGTATTACCGGCTGGCCGAGACAAAGTCGG 1560  
QY 1561 GAACTTTCAGTGTGTGAAAAACAGTAAACAATGCTTGGCATGGGAGAGACCAAGAG 1620  
DB 1561 GAACTTTCAGTGTGTGAAAAACAGTAAACAATGCTTGGCATGGGAGAGACCAAGAG 1620  
QY 1621 TGAGGATGAAAGTGGAGACAGGAAATTCAGTTGTATCAAGGAACTGATCTACCA 1680  
DB 1621 TGAGGATGAAAGTGGAGACAGGAAATTCAGTTGTATCAAGGAACTGATCTACCA 1680  
QY 1681 AAGCATCAATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740  
DB 1681 AAGCATCAATTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGATGTT 1800  
DB 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACTGATGTT 1800  
QY 1801 ACTATCTTATATTTGACTTTGATGTCAGTCCCTGGTTTTTTCATATTTGATCATAG 1860  
DB 1801 ACTATCTTATATTTGACTTTGATGTCAGTCCCTGGTTTTTTCATATTTGATCATAG 1860  
QY 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAAAATGTAATGTACCAACAGAAATATTAT 1920  
DB 1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAAAATGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTGCTTTAAATATCATATCACTGT 1980  
DB 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTGCTTTAAATATCATATCACTGT 1980

QY 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCATTATATATATAAATNTGGAAANGTCAGTT 2040  
DB 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCATTATATATAAATNTGGAAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCTACAA 2100  
DB 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAAATGTTTAACTGTTTGTACCTTATGAT 2160  
DB 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAAATGTTTAACTGTTTGTACCTTATGAT 2160  
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCCTAAAGTGGCTTAGCTGGGTCTT 2220  
DB 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCCTAAAGTGGCTTAGCTGGGTCTT 2220  
QY 2221 TCATAGCCAAACTTGTATATTTTAACTTTTGTATAATAA 2260  
DB 2221 TCATAGCCAAACTTGTATATTTTAACTTTTGTATAATAA 2260

## RESULT 5

US-09-978-189-118  
; Sequence 118, Application US/09978189  
; Publication No. US20030004102A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C7  
; CURRENT APPLICATION NUMBER: US/09/978,189  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21



;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573

;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60  
DB 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60

QY 61 GCTTAGCTGCTACGGGCTCCGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGCTCCGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120

QY 121 GGACCCGTCGCGAGATGCTCTGCGCTGGAGGCTTGGGCTCCCGCTGCTCTCTCTCTGGG 180  
DB 121 GGACCCGTCGCGAGATGCTCTGCGCTGGAGGCTTGGGCTCCCGCTGCTCTCTCTCTGGG 180

QY 181 TGGCAGGTGGTTTGGGAAACCGGCGCAGTGCAGGCTACGGGTTGTTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTGGGAAACCGGCGCAGTGCAGGCTACGGGTTGTTAGCATCGGCAC 240

QY 241 GTCAGCCTGGGGTCTGTCTATGAACTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300  
DB 241 GTCAGCCTGGGGTCTGTCTATGAACTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300

QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGAGTGAAGTTGGTGGTGGTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGAGTGAAGTTGGTGGTGGTGG 360

QY 361 GACCAAAACAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCGATCAAGTGTGA 420  
DB 361 GACCAAAACAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCGATCAAGTGTGA 420

QY 421 ATGAGTGTGAATGAAACCCCGGCACTGCCAAACAGATGTGAATGAAACACACAGGAGCT 480  
DB 421 ATGAGTGTGAATGAAACCCCGGCACTGCCAAACAGATGTGAATGAAACACACAGGAGCT 480

QY 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACCTTA 540  
DB 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTTGTGAACCTTA 540

QY 541 GGACATGTGCCATGATAAATGTCTAGTACAGTGTGAAGACACAGAGAGAGGCGCACAGT 600  
DB 541 GGACATGTGCCATGATAAATGTCTAGTACAGTGTGAAGACACAGAGAGAGGCGCACAGT 600

QY 601 GCTGTGTCCATCCCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660  
DB 601 GCTGTGTCCATCCCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660

QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTACAATCGAAGATGTGTGAACACATTG 720  
DB 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTACAATCGAAGATGTGTGAACACATTG 720

QY 721 GAAGTACTACTGCAAAATGTCACTGTTTGGAACTGCAATATATCATGTGAGCATATG 780  
DB 721 GAAGTACTACTGCAAAATGTCACTGTTTGGAACTGCAATATATCATGTGAGCATATG 780

QY 781 ACTGTATAGATATAAATGAATGTACTATGGATAGCATACGTCGAGCCACCATGCCAATT 840  
DB 781 ACTGTATAGATATAAATGAATGTACTATGGATAGCATACGTCGAGCCACCATGCCAATT 840

QY 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATATAAGGCAATGAC 900  
DB 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGATATATAAGGCAATGAC 900

QY 901 TTCGGTGTCTGCTATCCCTGAAAAATTTGTGAGGAAAGTCTCTCAGAGCACCTGTGTACCA 960  
DB 901 TTCGGTGTCTGCTATCCCTGAAAAATTTGTGAGGAAAGTCTCTCAGAGCACCTGTGTACCA 960

961 TCAGAGACAGAAATCAAGAGATTGCTTGCTCAAAAACAGCATGAAAAAGAGGCAAAA 1020  
Db TCAGAGACAGAAATCAAGAGATTGCTTGCTCAAAAACAGCATGAAAAAGAGGCAAAA 1020  
1021 TTAAGAAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGTGAATCTGACGCCCT 1080  
Db TTAAGAAATGTTACCCAGAACCCACAGGACTCTTACCCCTTAAGTGAATCTGACGCCCT 1080  
1081 TCAACTATCAAGAGATAGTCTTCCAGAGGCGGAACTCTCATGGAGGTAAAAAAGGGAATG 1140  
Db TCAACTATCAAGAGATAGTCTTCCAGAGGCGGAACTCTCATGGAGGTAAAAAAGGGAATG 1140  
1141 AAGAGAAATGAAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Db AAGAGAAATGAAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1201 CATAGAGAGCGAAGCTCGAGAGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db CATAGAGAGCGAAGCTCGAGAGAGATGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
1261 ATTGGCCTGATCTGGTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAGATTT 1320  
Db ATTGGCCTGATCTGGTCCAAAGGAAGCGCTAACTTCCAACTGGAACATAAGATTT 1320  
1321 AATATCTCGTGGTACTGACGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380  
Db AATATCTCGTGGTACTGACGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATGCTTCTATATGGCAGT 1440  
Db AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATGCTTCTATATGGCAGT 1440  
1441 TCCGCGCTTGGCAGGTGACAAAGAAAGACATTTGGCCGATTGAACTTCTCTACCTGACCT 1500  
Db TCCGCGCTTGGCAGGTGACAAAGAAAGACATTTGGCCGATTGAACTTCTCTACCTGACCT 1500  
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATATACCGGCTGGCGGAGACAAAGTCGG 1560  
Db GCAACCCCAAGCAACTTCTGTTGCTCTTTGATATACCGGCTGGCGGAGACAAAGTCGG 1560  
1561 GAACTTCGAGTCTTGTGAAGAACAGTAACTGATGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620  
Db GAACTTCGAGTCTTGTGAAGAACAGTAACTGATGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620  
1621 TGAGGATGAAAGTGGAGACAGGGAATTTCAAGTTGATCAAGGAATGATGCTTACCAA 1680  
Db TGAGGATGAAAGTGGAGACAGGGAATTTCAAGTTGATCAAGGAATGATGCTTACCAA 1680  
1681 AAGCATCTTTTGAAGCAGACAGTGGCAAGGCAAAACCGGGAATCGCAGTGGATGG 1740  
Db AAGCATCTTTTGAAGCAGACAGTGGCAAGGCAAAACCGGGAATCGCAGTGGATGG 1740  
1741 CGTCTGCTGTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
Db CGTCTGCTGTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860  
Db ACTATCTTTATTTGACTTTGATGTCAGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1860  
1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTAATGTAATGTAATGTAAT 1920  
Db GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTAATGTAATGTAATGTAAT 1920  
1921 TGTAAAGTGCCTTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980  
Db TGTAAAGTGCCTTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980  
1981 ATCTTCTCAGTCATTTCTGAACTCTTCCNCAATATATTAATAATTTGAAANGTCAGTT 2040  
Db ATCTTCTCAGTCATTTCTGAACTCTTCCNCAATATATTAATAATTTGAAANGTCAGTT 2040  
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100

2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGTANG 2100  
QY CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
Db CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
2161 ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTACGCTGGTCTT 2220  
QY ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTACGCTGGTCTT 2220  
Db ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTCCCTAAGTGGCTTACGCTGGTCTT 2220  
2221 TCATAGCCCAACTTGTATATTTAAATTTCTTTGTAATAATAA 2260  
QY TCATAGCCCAACTTGTATATTTAAATTTCTTTGTAATAATAA 2260  
Db TCATAGCCCAACTTGTATATTTAAATTTCTTTGTAATAATAA 2260

## RESULT 6

US-09-978-608A-118  
; Sequence 118, Application US/09978608A  
; Publication No. US20030045462A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C22  
; CURRENT APPLICATION NUMBER: US/09/978,608A  
; CURRENT FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 624  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 118  
; LENGTH: 2260  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
; OTHER INFORMATION: unknown base  
US-09-978-608A-118

Query Match 98.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGCGTGGTGGAGTGGAGCGGAGCAACCGAGCGGCTGAGAGAGAGAGCGCGCG 60  
Db 1 CGGACGCGTGGTGGAGTGGAGCGGAGCAACCGAGCGGCTGAGAGAGAGAGCGCGCG 60



Db 2221 TCATAGCCAAACTGTATATTTAAATCTTTGTAAATAATA 2260

RESULT 7

US-09-978-585A-118  
Sequence 118, Application US/09978585A  
Publication No.: US20030049633A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Flivaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C15  
CURRENT APPLICATION NUMBER: US/09/978,585A  
CURRENT FILING DATE: 2001-10-16  
NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm  
SEQ ID NO 118  
LENGTH: 2260  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: unsure  
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
OTHER INFORMATION: unknown base  
US-09-978-585A-118  
Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CGGACGGTGGGTGCGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGAGAGCGGCG 60  
Db 1 CGGACGGTGGGTGCGAGTGGAGCGGAGCCGAGCGGCTGAGGAGAGAGAGCGGCG 60  
Qy 61 GCTTAGCTGTACGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
Db 61 GCTTAGCTGTACGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
Qy 121 GGACCCGTGGAGNATCCCTCGCTGGAGCCCTGCGCTCCCGTGTGCTCTCTCTGG 180  
Db 121 GGAACCCGTGGAGNATCCCTCGCTGGAGCCCTGCGCTCCCGTGTGCTCTCTCTGG 180  
Qy 181 TGGCAGGTGGTTTCGGGAACGCGGCCAGTGCAGAGGCATCACCGGTTGTTAGCATCGGCAC 240  
Db 181 TGGCAGGTGGTTTCGGGAACGCGGCCAGTGCAGAGGCATCACCGGTTGTTAGCATCGGCAC 240  
Qy 241 GTACGCTGGGGTCTGTCACTATGGAACTAAACTGGCCCTGCTACGGCTGGAGAGNA 300

Db 241 GTACGCTGGGGTCTGTCACTATGGAACTAAACTGGCCCTGCTGCTACGGCTGGAGAGAA 300  
Qy 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTTGGTGTAGTGGTGG 360  
Db 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTTGGTGTAGTGGTGG 360  
Qy 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAGAGATGTA 420  
Db 361 GACCAACAAATGAGATGCTTTCCAGGATACACCGGGGAAACCTGCAGTCAGAGATGTA 420  
Qy 421 ATGAGTGTGGAAATGAAACCCCGGCCCATGCCAACACAGATGTGTAATACACACGGAAGCT 480  
Db 421 ATGAGTGTGGAAATGAAACCCCGGCCCATGCCAACACAGATGTGTAATACACACGGAAGCT 480  
Qy 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAATCTTA 540  
Db 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAATCTTA 540  
Qy 541 GGACATGTGCCATGATAAACTGTGATACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600  
Db 541 GGACATGTGCCATGATAAACTGTGATACAGCTGTGAAGACACAGAAAGAGGGCCACAGT 600  
Qy 601 GCCTGTGCTCATCTCAGGATCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Db 601 GCCTGTGCTCATCTCAGGATCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Qy 661 ATGAATGTGCTCTGTTAAAGTCACTGTCTCAATCGAAGATGTGTAACACATTTG 720  
Db 661 ATGAATGTGCTCTGTTAAAGTCACTGTCTCAATCGAAGATGTGTAACACATTTG 720  
Qy 721 GAAGCTTACTGCAAAATGTCAATTTGCAATGCAATATATATATATATATATATATATAT 780  
Db 721 GAAGCTTACTGCAAAATGTCAATTTGCAATGCAATATATATATATATATATATATATAT 780  
Qy 781 ACTGTATAGATATAAATCAATGTACTATGATAGCCATACGTGAGCCACCATGCCAATT 840  
Db 781 ACTGTATAGATATAAATCAATGTACTATGATAGCCATACGTGAGCCACCATGCCAATT 840  
Qy 841 GCTTCAATACCCAGGGTCCCTTCAAGTGTAAATGCAAGAGGGATATAAAGGCAATGGAC 900  
Db 841 GCTTCAATACCCAGGGTCCCTTCAAGTGTAAATGCAAGAGGGATATAAAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGAAAATCTGTGAAGAGTCTCAGAGACCTGGTACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAAATCTGTGAAGAGTCTCAGAGACCTGGTACCA 960  
Qy 961 TCAAAGACAGAAATCAAGAGTGTGCTTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
Db 961 TCAAAGACAGAAATCAAGAGTGTGCTTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
Qy 1021 TTAATAAGTTTACCCAGAACCCACAGGACTCTACCCCTAAGTGAATTTGAGGCGCT 1080  
Db 1021 TTAATAAGTTTACCCAGAACCCACAGGACTCTACCCCTAAGTGAATTTGAGGCGCT 1080  
Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Db 1141 AAGAGAAATGAAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Qy 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGTGA 1260  
Db 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGTGA 1260  
Qy 1261 ATTGCGCTGTATCTGGTCCAAAGGAAAGCGTAACTTCCAACTGGNACATAAGATTT 1320  
Db 1261 ATTGCGCTGTATCTGGTCCAAAGGAAAGCGTAACTTCCAACTGGNACATAAGATTT 1320  
Qy 1321 AAATATCTCGGTGATCTGCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGGA 1380

1321	AAATATCTCGGTTGACTGCGAGCTTCAATCATCGGATCTGTGACTGGAAAACAGANTAGAGA	1380
Db		
1381	AGATGATTTTGACTGGAAATCTGCTGATCGAGATAAATGCTATTGGCTTCTATATGCGAGT	1440
2Y		
1381	AGATGATTTTGACTGGAAATCTGCTGATCGAGATAAATGCTATTGGCTTCTATATGCGAGT	1440
Db		
1441	TCCGGCCCTTCGGCAGGTCACAAGAAAAGACANTGGCCGATTGAAAATTCTCTCTACTGACCT	1500
2Y		
1441	TCCGGCCCTTCGGCAGGTCACAAGAAAAGACANTGGCCGATTGAAAATTCTCTCTACTGACCT	1500
Db		
1501	GCAACCCCAAGCAACTTCTGTTTGCTTTTGCTATACCGGCTGGCCGGAGACAAGTFCG	1560
2Y		
1501	GCAACCCCAAGCAACTTCTGTTTGCTTTTGCTATACCGGCTGGCCGGAGACAAGTFCG	1560
Db		
1561	GAACACTTCGAGTGTGTGAAAACACAGTAAACATGCCCTGCGATGGGAGAGACCCAGAG	1620
2Y		
1561	GAACACTTCGAGTGTGTGAAAACACAGTAAACATGCCCTGCGATGGGAGAGACCCAGAG	1620
Db		
1621	TGAGGATGAAAAGTGGAAAGCAGGGAATAATTCAGTTGTATCAAGGAACATGATGCTACCAA	1680
2Y		
1621	TGAGGATGAAAAGTGGAAAGCAGGGAATAATTCAGTTGTATCAAGGAACATGATGCTACCAA	1680
Db		
1681	AAGCATCATTTTGAAGCAGAACTGGGCAAGGGCAAAAACCGCGGAATTCGCAGTGGAATGG	1740
QY		
1681	AAGCATCATTTTGAAGCAGAACTGGGCAAGGGCAAAAACCGCGGAATTCGCAGTGGAATGG	1740
Db		
1741	CGCTCTGCTCTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGATGACTGAAGTGT	1800
QY		
1741	CGCTCTGCTCTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGATGACTGAAGTGT	1800
Db		
1801	ACTATCTTTATATTGACTTTGTATGTCTAGTTCCTCTGGTTTTTTTGTGATTTGCAATCAG	1860
QY		
1801	ACTATCTTTATATTGACTTTGTATGTCTAGTTCCTCTGGTTTTTTTGTGATTTGCAATCAG	1860
Db		
1861	GACCTCTGGCAATTTAGAAATTAATCTACTGCAAAAATGTAAATGTAACCAACAGAAATATAT	1920
QY		
1861	GACCTCTGGCAATTTAGAAATTAATCTACTGCAAAAATGTAAATGTAACCAACAGAAATATAT	1920
Db		
1921	TGTAAGATGCCCTTCTTGTATAGAATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
QY		
1921	TGTAAGATGCCCTTCTTGTATAGAATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
Db		
1981	ATCTCTCAGTCATTTCTGATCTTTCCNCATTTATATATATAAAATNTGGAAANGTCAGTT	2040
QY		
1981	ATCTCTCAGTCATTTCTGATCTTTCCNCATTTATATATATAAAATNTGGAAANGTCAGTT	2040
Db		
2041	TATCTCCCTCCTCCNGTATATCTGAATTTGTATANGTANGTTCATGNGCTTCTCTCTACAA	2100
QY		
2041	TATCTCCCTCCTCCNGTATATCTGAATTTGTATANGTANGTTCATGNGCTTCTCTCTACAA	2100
Db		
2101	CATTTCTAGAAAAATAGAAAAAAAAGCAACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
QY		
2101	CATTTCTAGAAAAATAGAAAAAAAAGCAACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
Db		
2161	ACTTCTTCGAAACTATGACATCAAGATAGACATTTTGGCCTAAGTGGCTTAGCTGGGCTTT	2220
QY		
2161	ACTTCTTCGAAACTATGACATCAAGATAGACATTTTGGCCTAAGTGGCTTAGCTGGGCTTT	2220
Db		
2221	TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA	2260
QY		
2221	TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA	2260
Db		

## RESULT 8

RESOLUTION 8  
US-09-978-191A-118  
; Sequence 118, Application US/09978191A  
; Publication NO. US20030050239A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan

PRIOR APPLICATION NUMBER: 60/0799223	PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105	PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107	PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165	PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194	PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327	PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328	PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333	PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334	PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070	PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049	PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071	PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195	PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203	PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229	PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568	PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569	PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796	PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336	PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322	PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559	PRIOR FILING DATE: 1998-04-29

[illegible]



Db 301 ACAGCAAGGAGTCTGTGAAGCTACATCGAACCTGGATGTAAGTTTGGTGAAGTGGTGG 360  
QY 361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGAAACCTGCAAGTCAAGATGTGA 420  
Db 361 GACCAAAACAATGACAGATGCTTTCCAGGATACACCGGAAACCTGCAAGTCAAGATGTGA 420  
QY 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACACAGATGTGGAATACACACGGGAAGCT 480  
Db 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACACAGATGTGGAATACACACGGGAAGCT 480  
QY 481 ACAAGTGTGTTTGGCTCAGTGGCCACATCTCTCATGCCAGATGCTACGTGTGTAACCTCTA 540  
Db 481 ACAAGTGTGTTTGGCTCAGTGGCCACATCTCTCATGCCAGATGCTACGTGTGTAACCTCTA 540  
QY 541 GGACATGTGCCATGATAAATCTGTCAAGTACAGTGTGAAGACACACAGAAAGAGGGCCACAGT 600  
Db 541 GGACATGTGCCATGATAAATCTGTCAAGTACAGTGTGAAGACACACAGAAAGAGGGCCACAGT 600  
QY 601 GCTGTGTCCATCCCTCAGGATCCCGCTGGCCCAATGGAGAGAGCTGTCTAGATATTG 660  
Db 601 GCTGTGTCCATCCCTCAGGATCCCGCTGGCCCAATGGAGAGAGCTGTCTAGATATTG 660  
QY 661 ATGAATGTGCCCTCTGGTAAAGTCACTCTGTCCCTACAATCGAAGATGTGTGAACACATTTG 720  
Db 661 ATGAATGTGCCCTCTGGTAAAGTCACTCTGTCCCTACAATCGAAGATGTGTGAACACATTTG 720  
QY 721 GAAGCTACTACTGCAAAATGTCAATGTGTTTGGAACTGCAATATATCAGTGGAGCATATG 780  
Db 721 GAAGCTACTACTGCAAAATGTCAATGTGTTTGGAACTGCAATATATCAGTGGAGCATATG 780  
QY 781 ACTGTATAGATAAATGAATGCTATGAGTATGATAGCCTCAGCAGCCACCATGCCAATT 840  
Db 781 ACTGTATAGATAAATGAATGCTATGAGTATGATAGCCTCAGCAGCCACCATGCCAATT 840  
QY 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900  
Db 841 GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900  
QY 901 TTCGGTGTCTGCTATCCCTGAATTTCTGTGAAGAGTCTCAGAGCAGCTCGGTACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAATTTCTGTGAAGAGTCTCAGAGCAGCTCGGTACCA 960  
QY 961 TCAAGACAGATCAAGAGTTGTTGCTCACAAAAACAGATGAAAGAGGCAAAAA 1020  
Db 961 TCAAGACAGATCAAGAGTTGTTGCTCACAAAAACAGATGAAAGAGGCAAAAA 1020  
QY 1021 TTAAAAATGTTACCCAGAACCCACAGACTCTACCCCTAAGTGAATCTTGACGACCT 1080  
Db 1021 TTAAAAATGTTACCCAGAACCCACAGACTCTACCCCTAAGTGAATCTTGACGACCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGTAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGTAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGGCTTGAAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGGCTTGAAGATGA 1200  
QY 1201 CATAGAGAGCGAAGCCTCGGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAAGCCTCGGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTGGGCTGTATCTGGTCCAAAGGAAAGCGTAACTTCCAACTGGACATAAGATTT 1320  
Db 1261 ATTGGGCTGTATCTGGTCCAAAGGAAAGCGTAACTTCCAACTGGACATAAGATTT 1320  
QY 1321 AAATACTCTGGTGTACTGCACTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380  
Db 1321 AAATACTCTGGTGTACTGCACTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA 1380  
QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440

QY 1441 TCCGGCCTTGGCAGGTCACAAGAAAGACATTTGCCGATTAAGAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCCTTGGCAGGTCACAAGAAAGACATTTGCCGATTAAGAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTTCTGTTTCTTTGANTACCGCTGGCCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTCTTTGANTACCGCTGGCCGGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCGAGTGTTCGTGAAAAACAGTAAACAATGCCCCTGGCATGGGAGAACCCAGAG 1620  
Db 1561 GAAACTTCGAGTGTTCGTGAAAAACAGTAAACAATGCCCCTGGCATGGGAGAACCCAGAG 1620  
QY 1621 TGAGGATGAAGTGGAGAGACAGGAAAAATTCAGTTGTATCAAGGAACTGATCTACCAA 1680  
Db 1621 TGAGGATGAAGTGGAGAGACAGGAAAAATTCAGTTGTATCAAGGAACTGATCTACCAA 1680  
QY 1681 AAGCATCATTTTCAAGCAGAAACGTGGCAAGGGCAAAACCGGCAAAATCGACGTGGATGG 1740  
Db 1681 AAGCATCATTTTCAAGCAGAAACGTGGCAAGGGCAAAACCGGCAAAATCGACGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGAGCTTTTATCTGTGGATGACTGAATGTT 1800  
Db 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGAGCTTTTATCTGTGGATGACTGAATGTT 1800  
QY 1801 ACTATCTTTATTTGACTTTGTATGTCAGTCCCTGGTCTTTTGTATATTGTCATCATAG 1860  
Db 1801 ACTATCTTTATTTGACTTTGTATGTCAGTCCCTGGTCTTTTGTATATTGTCATCATAG 1860  
QY 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAGATGCTCTTCTGCTATAGCATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAGATGCTCTTCTGCTATAGCATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
QY 1981 APTCTTCTCAGTCATTTCTGAACTTTCCNCATTAATATAAAAAATNTGAAAAAGTCAGTT 2040  
Db 1981 APTCTTCTCAGTCATTTCTGAACTTTCCNCATTAATATAAAAAATNTGAAAAAGTCAGTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
Db 2101 CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
QY 2161 ACTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCTT 2220  
Db 2161 ACTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCTT 2220  
QY 2221 TCATAGCCAAACTGTATATTTAAATTTCTTTGTAATAATAA 2260  
Db 2221 TCATAGCCAAACTGTATATTTAAATTTCTTTGTAATAATAA 2260

## RESULT 9

US-09-978-403A-118  
; Sequence 118, Application US/09978403A  
; Publication No. US20030050240A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Thomas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C17  
CURRENT APPLICATION NUMBER: US/09/978,403A  
CURRENT FILING DATE: 2002-03-19  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30

PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGTGAGGAGAGGAGGCGCG 60  
db 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGTGAGGAGAGGAGGCGCG 60

2y 61 GCTTAGCTGCTACGGGTCCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120  
db 61 GCTTAGCTGCTACGGGTCCGGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA 120

2y 121 GGACCCGTCGAGAGATGCTCTGCTGGAGCCTTGGCGCTCCGCGTCTCTCTCTGGG 180  
db 121 GGACCCGTCGAGAGATGCTCTGCTGGAGCCTTGGCGCTCCGCGTCTCTCTCTGGG 180

2y 181 TGGCAGGTGGTTTCGGAAACCGCGCGCAGTGCAGGCTCAGCGGTGTTAGCATCGGCAC 240  
db 181 TGGCAGGTGGTTTCGGAAACCGCGCGCAGTGCAGGCTCAGCGGTGTTAGCATCGGCAC 240

2y 241 GTCAGCCTGGGTCTGCTCACTATGGAACCTAACTGGGCTGCTGCTACGGCTCGGAGGA 300  
db 241 GTCAGCCTGGGTCTGCTCACTATGGAACCTAACTGGGCTGCTGCTACGGCTCGGAGGA 300

2y 301 ACAGCAAGGAGTCTGTGAAGTACATCGCAACCTGATTAAGTTGGTGGTGGTGG 360  
db 301 ACAGCAAGGAGTCTGTGAAGTACATCGCAACCTGATTAAGTTGGTGGTGGTGG 360

2y 361 GACCAAAACAAATGAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTA 420  
db 361 GACCAAAACAAATGAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTA 420

Qy 421 ATGAGTGTGGAATGAAACCCCGCCATGCGCAACACAGATGTGTGATATACACCGAAGCT 480  
Db 421 ATGAGTGTGGAATGAAACCCCGCCATGCGCAACACAGATGTGTGATATACACCGAAGCT 480

Qy 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540  
Db 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540

Qy 541 GGACATGTGCCATGATAAACTGTGTAGTACAGTGTGAGACACAGAAAGAGGGCCACAGT 600  
Db 541 GGACATGTGCCATGATAAACTGTGTAGTACAGTGTGAGACACAGAAAGAGGGCCACAGT 600

Qy 601 GCCTGTGTCCATCTCAGCACTCCGCTCGGCCCAATGCGAAGAGACTGTCTAGATATTG 660  
Db 601 GCCTGTGTCCATCTCAGCACTCCGCTCGGCCCAATGCGAAGAGACTGTCTAGATATTG 660

Qy 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTCAATCGAAGATGTGTGAACACATTTG 720  
Db 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCCTCAATCGAAGATGTGTGAACACATTTG 720

Qy 721 GAAGCTACTGCGAATGTGCAATTTGTTTGGAACTGCAATATATCAGTGCACCATATG 780  
Db 721 GAAGCTACTGCGAATGTGCAATTTGTTTGGAACTGCAATATATCAGTGCACCATATG 780

Qy 781 ACTGTATAGATATAAATGAATGTATGATAGCATAGTGCAGCCACCATGCCAATT 840  
Db 781 ACTGTATAGATATAAATGAATGTATGATAGCATAGTGCAGCCACCATGCCAATT 840

Qy 841 GCTTCATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900  
Db 841 GCTTCATACCCAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900

Qy 901 TTGCGTCTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGTGTAACA 960  
Db 901 TTGCGTCTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTCAGAGCACTGTGTAACA 960

Qy 961 TCAAGACAGAAATCAGAAAGTTCCTTCTCACAACACAGCATGAAAAGAGAGGCAAAA 1020  
Db 961 TCAAGACAGAAATCAGAAAGTTCCTTCTCACAACACAGCATGAAAAGAGAGGCAAAA 1020

Qy 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTCTACCCCTTAAGGTGAACCTTGACGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTCTACCCCTTAAGGTGAACCTTGACGCCCT 1080

Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGGAGTAAAGAGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGGAGTAAAGAGGAATG 1140

Qy 1141 AAGAGAAATGAAAGAGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200  
Db 1141 AAGAGAAATGAAAGAGGGCTTGAAGATGAGAAAGAGAGAAAGCCCTGAAGAAATGA 1200

Qy 1201 CATAGAGGAGGAAGCTCGAGAGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGTGA 1260  
Db 1201 CATAGAGGAGGAAGCTCGAGAGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGTGA 1260

Qy 1261 ATTCGGCTGATTTCTGCTCCAAAGGAAAGCGCTAACTCCAAACTGGAACATAAAGATTT 1320  
Db 1261 ATTCGGCTGATTTCTGCTCCAAAGGAAAGCGCTAACTCCAAACTGGAACATAAAGATTT 1320

Qy 1321 AAATATCTCGGTGATGTCAGTTCATCATGGAATGTGTGACTGGAACAGGATAGAGA 1380  
Db 1321 AAATATCTCGGTGATGTCAGTTCATCATGGAATGTGTGACTGGAACAGGATAGAGA 1380

Qy 1381 AGATGATTTTGAATGGAATCTCTGATCGAGATATGCTTATTTGGCTTCTATATGCACT 1440  
Db 1381 AGATGATTTTGAATGGAATCTCTGATCGAGATATGCTTATTTGGCTTCTATATGCACT 1440

Qy 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTTGAACTTCTCTACTGACCT 1500  
Db 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTTGAACTTCTCTACTGACCT 1500

1501	QY	GCACCCCAAGCAACTTCCTGTTTGTCTCTTTGATACCGCTGCGCGGAGCAAAAGTCGG	1560
1501	QY	GCACCCCAAGCAACTTCCTGTTTGTCTCTTTGATACCGCTGCGCGGAGCAAAAGTCGG	1560
1501	DB	GCACCCCAAGCAACTTCCTGTTTGTCTCTTTGATACCGCTGCGCGGAGCAAAAGTCGG	1560
1561	QY	GAACACTTCGAGTGTGTTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGACACACGAG	1620
1561	DB	GAACACTTCGAGTGTGTTGTGAAAAACAGTAACAAATGCCCTGGCATGGGAGAGACACACGAG	1620
1621	QY	TGAGGATGAAAGTGGGAAGACAGGGAATAATTCAGTTGTATCAAGAACTGATGCTACCAA	1680
1621	DB	TGAGGATGAAAGTGGGAAGACAGGGAATAATTCAGTTGTATCAAGAACTGATGCTACCAA	1680
1681	QY	AAGCATCAATTTTTCAAGCAGAAACGTGCGAAGGCGCAAAACCGCGGAAATTCGACGTGATGG	1740
1681	DB	AAGCATCAATTTTTCAAGCAGAAACGTGCGAAGGCGCAAAACCGCGGAAATTCGACGTGATGG	1740
1741	QY	CGCTGCTGTTGTTTCAGGCTTATGTCAGATAGCCCTTTATCTGTGGAATGATCGAATGTT	1800
1741	DB	CGCTGCTGTTGTTTCAGGCTTATGTCAGATAGCCCTTTATCTGTGGAATGATCGAATGTT	1800
1801	QY	ACTATCTTTATATTGACTTTGTATGTCAGTTGCCCTGGTTTTTTTGTATTTGATTCATCATAG	1860
1801	DB	ACTATCTTTATATTGACTTTGTATGTCAGTTGCCCTGGTTTTTTTGTATTTGATTCATCATAG	1860
1861	QY	GACCTCTGGCAATTTAGAAATTACTAGCTGAAAAATGTAAATGTATGTACCAACAGAAATATTAT	1920
1861	DB	GACCTCTGGCAATTTAGAAATTACTAGCTGAAAAATGTAAATGTATGTACCAACAGAAATATTAT	1920
1921	QY	TGTAAGATGCCCTTCTTTGTATAGATATGCAATATTTCCTCTTTAAATATCATATCACTGT	1980
1921	DB	TGTAAGATGCCCTTCTTTGTATAGATATGCAATATTTCCTCTTTAAATATCATATCACTGT	1980
1981	QY	ATCTTCTCAGTCATTTCTGAATCTTTCCNCATPATATATATAAAATNTGGAAANGTCAGTT	2040
1981	DB	ATCTTCTCAGTCATTTCTGAATCTTTCCNCATPATATATATAAAATNTGGAAANGTCAGTT	2040
2041	QY	TATCTCCCTCCTCCTCNGTATATCTGATTTGTATANGTANGTTCATCNGCTCTCTCTACAA	2100
2041	DB	TATCTCCCTCCTCCTCNGTATATCTGATTTGTATANGTANGTTCATCNGCTCTCTCTACAA	2100
2101	QY	CATTTTCTAGAAAAATAGAAAAAAAAGCAACAGAAAAATGTTTTAACTGTTTGACTCTTTGAT	2160
2101	DB	CATTTTCTAGAAAAATAGAAAAAAAAGCAACAGAAAAATGTTTTAACTGTTTGACTCTTTGAT	2160
2161	QY	ACTCTTCTGGAACATGACATCAAGATAGACATTTTGCCTTAAGTGGCTTAGCTGGGCTT	2220
2161	DB	ACTCTTCTGGAACATGACATCAAGATAGACATTTTGCCTTAAGTGGCTTAGCTGGGCTT	2220
2221	QY	TCATAGCCAAACTGTATATTAAATCTTTGTAAATAATAA	2260
2221	DB	TCATAGCCAAACTGTATATTAAATCTTTGTAAATAATAA	2260

```

RESULT 10
US-09-978-564A-118
; Sequence 118, Application US/09978564A
; Publication No. US2003005241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnocytes, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertschen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.

```

APPLICANT: Hillan, Kenneth J  
 APPLICANT: KJavin, Ivar J.  
 APPLICANT: Kuo, Sophia S.  
 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Shelton, David L.  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 TITLE OF INVENTION: Acids Encoding the Same  
 FILE REFERENCE: P2630P1C25  
 CURRENT APPLICATION NUMBER: US/09/978,564A  
 CURRENT FILING DATE: 2001-10-16  
 PRIOR APPLICATION NUMBER: 09/918585  
 PRIOR FILING DATE: 2001-07-30  
 PRIOR APPLICATION NUMBER: 60/062250  
 PRIOR FILING DATE: 1997-10-17  
 PRIOR APPLICATION NUMBER: 60/064249  
 PRIOR FILING DATE: 1997-11-03  
 PRIOR APPLICATION NUMBER: 60/065311  
 PRIOR FILING DATE: 1997-11-13  
 PRIOR APPLICATION NUMBER: 60/066364  
 PRIOR FILING DATE: 1997-11-21  
 PRIOR APPLICATION NUMBER: 60/077450  
 PRIOR FILING DATE: 1998-03-10  
 PRIOR APPLICATION NUMBER: 60/077632  
 PRIOR FILING DATE: 1998-03-11  
 PRIOR APPLICATION NUMBER: 60/077641  
 PRIOR FILING DATE: 1998-03-11  
 PRIOR APPLICATION NUMBER: 60/077649  
 PRIOR FILING DATE: 1998-03-11  
 PRIOR APPLICATION NUMBER: 60/077791  
 PRIOR FILING DATE: 1998-03-12  
 PRIOR APPLICATION NUMBER: 60/078004  
 PRIOR FILING DATE: 1998-03-13  
 PRIOR APPLICATION NUMBER: 60/078886  
 PRIOR FILING DATE: 1998-03-20  
 PRIOR APPLICATION NUMBER: 60/078936  
 PRIOR FILING DATE: 1998-03-20  
 PRIOR APPLICATION NUMBER: 60/078910  
 PRIOR FILING DATE: 1998-03-20  
 PRIOR APPLICATION NUMBER: 60/078939  
 PRIOR FILING DATE: 1998-03-20  
 PRIOR APPLICATION NUMBER: 60/079294  
 PRIOR FILING DATE: 1998-03-25  
 PRIOR APPLICATION NUMBER: 60/079656  
 PRIOR FILING DATE: 1998-03-26  
 PRIOR APPLICATION NUMBER: 60/079664  
 PRIOR FILING DATE: 1998-03-27  
 PRIOR APPLICATION NUMBER: 60/079689  
 PRIOR FILING DATE: 1998-03-27  
 PRIOR APPLICATION NUMBER: 60/079663  
 PRIOR FILING DATE: 1998-03-27  
 PRIOR APPLICATION NUMBER: 60/079728  
 PRIOR FILING DATE: 1998-03-27  
 PRIOR APPLICATION NUMBER: 60/079786  
 PRIOR FILING DATE: 1998-03-27  
 PRIOR APPLICATION NUMBER: 60/079920  
 PRIOR FILING DATE: 1998-03-30  
 PRIOR APPLICATION NUMBER: 60/079923  
 PRIOR FILING DATE: 1998-03-30  
 PRIOR APPLICATION NUMBER: 60/080105  
 PRIOR FILING DATE: 1998-03-31  
 PRIOR APPLICATION NUMBER: 60/080107  
 PRIOR FILING DATE: 1998-03-31  
 PRIOR APPLICATION NUMBER: 60/080165  
 PRIOR FILING DATE: 1998-03-31  
 PRIOR APPLICATION NUMBER: 60/080194  
 PRIOR FILING DATE: 1998-03-31







APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P26301C65  
CURRENT APPLICATION NUMBER: US/09/999,833A  
PRIORITY FILING DATE: 2001-10-24  
PRIORITY APPLICATION NUMBER: 09/918585  
PRIORITY FILING DATE: 2001-07-30  
PRIORITY APPLICATION NUMBER: 60/062250  
PRIORITY FILING DATE: 1997-10-17  
PRIORITY APPLICATION NUMBER: 60/064249  
PRIORITY FILING DATE: 1997-11-03  
PRIORITY APPLICATION NUMBER: 60/065311  
PRIORITY FILING DATE: 1997-11-13  
PRIORITY APPLICATION NUMBER: 60/066364  
PRIORITY FILING DATE: 1997-11-21  
PRIORITY APPLICATION NUMBER: 60/077450  
PRIORITY FILING DATE: 1998-03-10  
PRIORITY APPLICATION NUMBER: 60/077632  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077641  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077649  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077791  
PRIORITY FILING DATE: 1998-03-12  
PRIORITY APPLICATION NUMBER: 60/078004  
PRIORITY FILING DATE: 1998-03-13  
PRIORITY APPLICATION NUMBER: 60/078886  
PRIORITY FILING DATE: 1998-03-20  
PRIORITY APPLICATION NUMBER: 60/078936  
PRIORITY FILING DATE: 1998-03-20  
PRIORITY APPLICATION NUMBER: 60/078910  
PRIORITY FILING DATE: 1998-03-20  
PRIORITY APPLICATION NUMBER: 60/078939  
PRIORITY FILING DATE: 1998-03-20  
PRIORITY APPLICATION NUMBER: 60/079294  
PRIORITY FILING DATE: 1998-03-25  
PRIORITY APPLICATION NUMBER: 60/079656  
PRIORITY FILING DATE: 1998-03-26  
PRIORITY APPLICATION NUMBER: 60/079664  
PRIORITY FILING DATE: 1998-03-27  
PRIORITY APPLICATION NUMBER: 60/079689  
PRIORITY FILING DATE: 1998-03-27  
PRIORITY APPLICATION NUMBER: 60/079663  
PRIORITY FILING DATE: 1998-03-27  
PRIORITY APPLICATION NUMBER: 60/079728  
PRIORITY FILING DATE: 1998-03-27  
PRIORITY APPLICATION NUMBER: 60/079786  
PRIORITY FILING DATE: 1998-03-27  
PRIORITY APPLICATION NUMBER: 60/079920  
PRIORITY FILING DATE: 1998-03-30  
PRIORITY APPLICATION NUMBER: 60/079923  
PRIORITY FILING DATE: 1998-03-30  
PRIORITY APPLICATION NUMBER: 60/080105  
PRIORITY FILING DATE: 1998-03-31  
PRIORITY APPLICATION NUMBER: 60/080107  
PRIORITY FILING DATE: 1998-03-31  
PRIORITY APPLICATION NUMBER: 60/080165  
PRIORITY FILING DATE: 1998-03-31  
PRIORITY APPLICATION NUMBER: 60/080194  
PRIORITY FILING DATE: 1998-03-31  
PRIORITY APPLICATION NUMBER: 60/080327  
PRIORITY FILING DATE: 1998-04-01  
PRIORITY APPLICATION NUMBER: 60/080328  
PRIORITY FILING DATE: 1998-04-01  
PRIORITY APPLICATION NUMBER: 60/080333  
PRIORITY FILING DATE: 1998-04-01  
PRIORITY APPLICATION NUMBER: 60/080334  
PRIORITY FILING DATE: 1998-04-01  
PRIORITY APPLICATION NUMBER: 60/081070  
PRIORITY FILING DATE: 1998-04-08  
PRIORITY APPLICATION NUMBER: 60/081049  
PRIORITY FILING DATE: 1998-04-08  
PRIORITY APPLICATION NUMBER: 60/081071  
PRIORITY FILING DATE: 1998-04-08  
PRIORITY APPLICATION NUMBER: 60/081195  
PRIORITY FILING DATE: 1998-04-08  
PRIORITY APPLICATION NUMBER: 60/081203  
PRIORITY FILING DATE: 1998-04-09  
PRIORITY APPLICATION NUMBER: 60/081229  
PRIORITY FILING DATE: 1998-04-09  
PRIORITY APPLICATION NUMBER: 60/081955  
PRIORITY FILING DATE: 1998-04-15  
PRIORITY APPLICATION NUMBER: 60/081817  
PRIORITY FILING DATE: 1998-04-15  
PRIORITY APPLICATION NUMBER: 60/081819  
PRIORITY FILING DATE: 1998-04-15  
PRIORITY APPLICATION NUMBER: 60/081952  
PRIORITY FILING DATE: 1998-04-15  
PRIORITY APPLICATION NUMBER: 60/081838  
PRIORITY FILING DATE: 1998-04-15  
PRIORITY APPLICATION NUMBER: 60/082568  
PRIORITY FILING DATE: 1998-04-21  
PRIORITY APPLICATION NUMBER: 60/082569  
PRIORITY FILING DATE: 1998-04-21  
PRIORITY APPLICATION NUMBER: 60/082704  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/082804  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/082700  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/082797  
PRIORITY FILING DATE: 1998-04-22  
PRIORITY APPLICATION NUMBER: 60/082796  
PRIORITY FILING DATE: 1998-04-23  
PRIORITY APPLICATION NUMBER: 60/083336  
PRIORITY FILING DATE: 1998-04-27  
PRIORITY APPLICATION NUMBER: 60/083322  
PRIORITY FILING DATE: 1998-04-28  
PRIORITY APPLICATION NUMBER: 60/083392  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083495  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083496  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083499  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083545  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083554  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083558  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083559  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083500  
PRIORITY FILING DATE: 1998-04-29  
PRIORITY APPLICATION NUMBER: 60/083742  
PRIORITY FILING DATE: 1998-04-30  
PRIORITY APPLICATION NUMBER: 60/084366  
PRIORITY FILING DATE: 1998-05-05  
PRIORITY APPLICATION NUMBER: 60/084414  
PRIORITY FILING DATE: 1998-05-06  
PRIORITY APPLICATION NUMBER: 60/084441  
PRIORITY FILING DATE: 1998-05-06  
PRIORITY APPLICATION NUMBER: 60/084637  
PRIORITY FILING DATE: 1998-05-07  
PRIORITY APPLICATION NUMBER: 60/084639  
PRIORITY FILING DATE: 1998-05-07



Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTACCAA 1680  
QY 1681 AAGCATCATTTTGAAGACAGAGCTGGCAAGGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGACAGAGCTGGCAAGGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGGAGTCAATGTT 1800  
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGAGCTTTTATCTGTGGAGTCAATGTT 1800  
QY 1801 ACTATCTTATATTTGACCTTCTGATGTCAGTCCCTGGTTTTTTGATTTGATTCATCATAG 1860  
Db 1801 ACTATCTTATATTTGACCTTCTGATGTCAGTCCCTGGTTTTTTGATTTGATTCATCATAG 1860  
QY 1861 GACCTCTGCAATTTAGAAATTTACTAGCTGAAATAATTTGAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGCAATTTAGAAATTTACTAGCTGAAATAATTTGAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGTCCCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGTCCCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCAATATTTATATAAAATNTGAAANGTCACTT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCAATATTTATATAAAATNTGAAANGTCACTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATGATGTTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATGATGTTGATGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTTCTTATGAT 2160  
Db 2101 CATTTCTAGAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTTCTTATGAT 2160  
QY 2161 ACTTCTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACGCTGGTCTT 2220  
Db 2161 ACTTCTGAAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACGCTGGTCTT 2220  
QY 2221 TCATAGCAAACTTGTATATTTAAATCTTTGTAATAATAA 2260  
Db 2221 TCATAGCAAACTTGTATATTTAAATCTTTGTAATAATAA 2260

RESULT 12

US-09-981-915A-118  
; Sequence 118, Application US/09981915A  
; Publication No US20030054986A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C12  
; CURRENT APPLICATION NUMBER: US/09/981,915A  
; PRIOR FILING DATE: 2001-10-16  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08

;; PRIOR APPLICATION NUMBER: 60/081049  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697  
;;  
Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 CGGACCGTGGTGGAGTGGAGCGGAGCGGAGCGGCGGCTGAGGAGGAGGAGGCGGCG 60  
Db 1 CGGACCGTGGTGGAGTGGAGCGGAGCGGAGCGGCGGCTGAGGAGGAGGAGGCGGCG 60  
  
QY 61 GCTTAGCTGTCTACCGGGTCCCGCGCGGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
Db 61 GCTTAGCTGTCTACCGGGTCCCGCGCGGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
  
QY 121 GGACCGGTGGAGGAGTGGCTCTGCGCTGGAGCTTGGCTTCCCGCTGCTCTCCCTGGG 180  
Db 121 GGACCGGTGGAGGAGTGGCTCTGCGCTGGAGCTTGGCTTCCCGCTGCTCTCTCTGGG 180  
  
QY 181 TGCGAGGTGGTTTTCGGGAAACCGGCGGAGTCAAGGCAATCAGGGTGTGTAGCATCGGCAC 240  
Db 181 TGCGAGGTGGTTTTCGGGAAACCGGCGGAGTCAAGGCAATCAGGGTGTGTAGCATCGGCAC 240  
  
QY 241 GTGAGCTGGGGTCTGTCACTATGGAACATAAATGGGCTGTGTCTACGGCTGGAGAGAA 300  
Db 241 GTGAGCTGGGGTCTGTCACTATGGAACATAAATGGGCTGTGTCTACGGCTGGAGAGAA 300  
  
QY 301 ACAGCAAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAGTTGGTGGTGGCTGG 360  
Db 301 ACAGCAAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAGTTGGTGGTGGCTGG 360  
  
QY 361 GACCAAAACAAATGCAGATGCTTTTCAGGATAACCGGAAACCTGCAAGTCAAGTGTGA 420  
Db 361 GACCAAAACAAATGCAGATGCTTTTCAGGATAACCGGAAACCTGCAAGTCAAGTGTGA 420  
  
QY 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACAAGATGTGAATACACACAGCAAGCT 480  
Db 421 ATGAGTGTGGAATGAACCCCGGCAATGCCAACAAGATGTGAATACACACAGCAAGCT 480  
  
QY 481 ACAAGTGTCTTTTGGCTCAGTGGCCCATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540  
Db 481 ACAAGTGTCTTTTGGCTCAGTGGCCCATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540  
  
QY 541 GGACATGTGCCATGATTAACCTGCTAGTACAGTGTGAAGACACAGAGAGGAGGAGCAAGT 600  
Db 541 GGACATGTGCCATGATTAACCTGCTAGTACAGTGTGAAGACACAGAGAGGAGGAGCAAGT 600  
  
QY 601 GCCTGTGTCCATCCTCAGGAGTCCGCTGGCCCCAAATGGAAGAGAGCTGTCTAGATTG 660  
Db 601 GCCTGTGTCCATCCTCAGGAGTCCGCTGGCCCCAAATGGAAGAGAGCTGTCTAGATTG 660

601 GCCTGTGTCACCTCCTCAGGACTCCGCTCGCCGCCAAATGGAAGAGAGCTGTCTAGATATTG 660  
661 ATGAATGTGCTCTCTGTTAAAGTCACTCTGCTCCCTACCAATCGAAGATGTGTGAACACATTGG 720  
661 ATGAATGTGCTCTCTGTTAAAGTCACTCTGCTCCCTACCAATCGAAGATGTGTGAACACATTGG 720  
721 GAAGCTACTACTGCAAAATGTCACAATTTGGTTTGAAGTCAATATATATATATATATATATATAT 780  
721 GAAGCTACTACTGCAAAATGTCACAATTTGGTTTGAAGTCAATATATATATATATATATATATAT 780  
781 ACTGTATAGATATATAATGATGTACTATATATATATATATATATATATATATATATATATATAT 840  
781 ACTGTATAGATATATAATGATGTACTATATATATATATATATATATATATATATATATATATAT 840  
841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGCAATGGAC 900  
841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGCAATGGAC 900  
901 TTGGGTGTTCTGCTATCTCTGAAATCTGTGGAAGTCTCTCAGAGCACCCTGGTACCA 960  
901 TTGGGTGTTCTGCTATCTCTGAAATCTGTGGAAGTCTCTCAGAGCACCCTGGTACCA 960  
961 TCAAGACAGAAATCAAGAAGTCTGCTCACAAAAACAGCATGAAAAAGAGGCAAAA 1020  
961 TCAAGACAGAAATCAAGAAGTCTGCTCACAAAAACAGCATGAAAAAGAGGCAAAA 1020  
1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATCTTGACCCCT 1080  
1021 TTAATAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATCTTGACCCCT 1080  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGGAGGTAAAAAGGGAATG 1140  
1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1141 AAGAGAAATGAAGAGGGCTTGAGGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1201 CATAGAGAGCGGAGCGCTGGAGGAGAGATGTTTTTCCCTAAGGTGAATGAAGAGAGAGAGAG 1260  
1201 CATAGAGAGCGGAGCGCTGGAGGAGAGATGTTTTTCCCTAAGGTGAATGAAGAGAGAGAGAG 1260  
1261 ATTCGGCTGATTTCTGTTCCAAAGGAAGCGCTAACTTCCAACTGGAACATATAAGATTT 1320  
1261 ATTCGGCTGATTTCTGTTCCAAAGGAAGCGCTAACTTCCAACTGGAACATATAAGATTT 1320  
1321 AAATATCTCGTTGACTGCGCTTCAATCATGGATCTGTGATGGAAGAGAGAGAGAGAGAGAGAG 1380  
1321 AAATATCTCGTTGACTGCGCTTCAATCATGGATCTGTGATGGAAGAGAGAGAGAGAGAGAGAG 1380  
1381 AGATGATTTTGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
1381 AGATGATTTTGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
1441 TCCGCTTGGAGGTGCAAGAAAGACATTTGGCCGATGGAATCTTCTACTGACCT 1500  
1441 TCCGCTTGGAGGTGCAAGAAAGACATTTGGCCGATGGAATCTTCTACTGACCT 1500  
1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTACCGGCTGGCCGAGACAAAGTCGG 1560  
1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTACCGGCTGGCCGAGACAAAGTCGG 1560  
1561 GAAATCTCGAGTGTGTTGAAAAACAGTAAACATATGCTGATCAAGGAACTGATGCTACCAA 1620  
1561 GAAATCTCGAGTGTGTTGAAAAACAGTAAACATATGCTGATCAAGGAACTGATGCTACCAA 1620  
1621 TCAGGATGAAGTGAAGACAGGAGAAATTCAGTTGATCAAGGAACTGATGCTACCAA 1680  
1621 TCAGGATGAAGTGAAGACAGGAGAAATTCAGTTGATCAAGGAACTGATGCTACCAA 1680  
1681 AAGCATATTTTGAAGCAGAACTGGCAAGGCGAAAAACCGGCGAAATCGCAGTGGATGG 1740  
1681 AAGCATATTTTGAAGCAGAACTGGCAAGGCGAAAAACCGGCGAAATCGCAGTGGATGG 1740

1741 CGTCTTGTCTTGTTCAGGCTTATGTCCAGATAGACCTTTTATCTGTGGATGACTGAATGTT 1800  
1741 CGTCTTGTCTTGTTCAGGCTTATGTCCAGATAGACCTTTTATCTGTGGATGACTGAATGTT 1800  
1801 ACTATCTTTATATTTGACTTTGATGTAGTTCAGTTCCTGCTGTTTTTTGATATTGCATCATAG 1860  
1801 ACTATCTTTATATTTGACTTTGATGTAGTTCAGTTCCTGCTGTTTTTTGATATTGCATCATAG 1860  
1861 GACCTCTGGCAATTTAGAAATTAAGTACTAGCTGAAAAAATGTAATGTACCAACAGAAATATTAT 1920  
1861 GACCTCTGGCAATTTAGAAATTAAGTACTAGCTGAAAAAATGTAATGTACCAACAGAAATATTAT 1920  
1921 TGTAAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCAGTGT 1980  
1921 TGTAAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCAGTGT 1980  
1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCATTAATATATAAAATNTGAAANGTCAGTT 2040  
1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCATTAATATATAAAATNTGAAANGTCAGTT 2040  
2041 TATCTCCCTCTCCCTGATATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
2041 TATCTCCCTCTCCCTGATATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
2101 CATTTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTGACTTCTTATGAT 2160  
2101 CATTTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTGACTTCTTATGAT 2160  
2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220  
2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220  
2221 TCATAGCCAAACTGTATATTTAAATCTTTGTAATAATAA 2260  
2221 TCATAGCCAAACTGTATATTTAAATCTTTGTAATAATAA 2260

## RESULT 13

US-09-978-824-118

; Sequence 118 Application US/09978824

; Publication No. US20030055216A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Forg, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gertsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C14

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----



;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCGTGGTGCAGTGGAGCGGAGCCGAGCGGCTTGAGGAGAGGAGCGGCG	60
DB	1	CGGACGCGTGGTGCAGTGGAGCGGAGCCGAGCGGCTTGAGGAGAGGAGCGGCG	60
QY	61	GCTTAGCTGCTACGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA	120
DB	61	GCTTAGCTGCTACGGGTCCGCGCGGCGCTCCGAGGGGGCTCAGGAGGAGGAGGA	120
QY	121	GGACCGGTGCGAGAAATGCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTGG	180
DB	121	GGACCGGTGCGAGAAATGCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTGG	180
QY	181	TGGCAGGTGGTTTCGGAAACCGCGCGCAGTGCNAGCATCAGGGTGTAGCATCGGCAC	240
DB	181	TGGCAGGTGGTTTCGGAAACCGCGCGCAGTGCNAGCATCAGGGTGTAGCATCGGCAC	240
QY	241	GTGAGCCTGGGCTGTCTACTATGGAATGAACTGGCCCTGCTAGCGCTGGAGAGAA	300
DB	241	GTGAGCCTGGGCTGTCTACTATGGAATGAACTGGCCCTGCTAGCGCTGGAGAGAA	300
QY	301	ACAGCAAGGAGTCTGTGAAGCTACATGCGAATCTGGAATGTAAGTTTGGTGAAGTGG	360
DB	301	ACAGCAAGGAGTCTGTGAAGCTACATGCGAATCTGGAATGTAAGTTTGGTGAAGTGG	360
QY	361	GACCAAAACAAATGCGAGTCTTTCAGGATACACCGGGAACCTGCAAGTCAAGATGTA	420
DB	361	GACCAAAACAAATGCGAGTCTTTCAGGATACACCGGGAACCTGCAAGTCAAGATGTA	420
QY	421	ATGAGTGTGGAATGAAACCCCGGCAATGCGAATGTAAGTGTGAATACACGGAAGCT	480
DB	421	ATGAGTGTGGAATGAAACCCCGGCAATGCGAATGTAAGTGTGAATACACGGAAGCT	480
QY	481	ACAAGTGTCTTTCCTCAGTGGCCCATGCTCATGSCAGATGCTACGTGTGTAACCTTA	540
DB	481	ACAAGTGTCTTTCCTCAGTGGCCCATGCTCATGSCAGATGCTACGTGTGTAACCTTA	540
QY	541	GGAATGTGCTCATGTAATACTCTGAGTACAGTGTGGAAGACACAGAAAGGGCCACAGT	600
DB	541	GGAATGTGCTCATGTAATACTCTGAGTACAGTGTGGAAGACACAGAAAGGGCCACAGT	600
QY	601	GCTGTGTCCTCCTCAGACCTCCGCTGGCCCAATGGAAGAGCTGTCTAGATATTG	660
DB	601	GCTGTGTCCTCCTCAGACCTCCGCTGGCCCAATGGAAGAGCTGTCTAGATATTG	660
QY	661	ATGAATGTGCTCTGTGTAAGTCACTGTGCTCCCTCAATCGAAGATGTGTGAACATTTG	720
DB	661	ATGAATGTGCTCTGTGTAAGTCACTGTGCTCCCTCAATCGAAGATGTGTGAACATTTG	720

QY	721	GAAGCTACTCTGCAAAATGTCAATTGGTTTCGAATCGCAATATATCACTGGACGATATG	780
DB	721	GAAGCTACTCTGCAAAATGTCAATTGGTTTCGAATCGCAATATATCACTGGACGATATG	780
QY	781	ACTGTATAGATATAAATGAATGTACTATGATAGCATAGTGCAGCCACCATGCAATT	840
DB	781	ACTGTATAGATATAAATGAATGTACTATGATAGCATAGTGCAGCCACCATGCAATT	840
QY	841	GCTTCAATACCCAGGGCTCTCAAGTGTAAATGCAAGCAGGGGATATAAGGCAATGGAC	900
DB	841	GCTTCAATACCCAGGGCTCTCAAGTGTAAATGCAAGCAGGGGATATAAGGCAATGGAC	900
QY	901	TTGCGTGTCTGTCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTTGGTACCA	960
DB	901	TTGCGTGTCTGTCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCACCTTGGTACCA	960
QY	961	TCAAAGCAGGAATCAAGAGTGTCTCTCACAAAACAGCATGAAAAGAGGCAAAAA	1020
DB	961	TCAAAGCAGGAATCAAGAGTGTCTCTCACAAAACAGCATGAAAAGAGGCAAAAA	1020
QY	1021	TTAAAAATGTTTACCCCGAGAACCCACAGGACTCTCTACCCCTAAAGTGAACTTCAGCCCT	1080
DB	1021	TTAAAAATGTTTACCCCGAGAACCCACAGGACTCTCTACCCCTAAAGTGAACTTCAGCCCT	1080
QY	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGAATG	1140
DB	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAAAAGGAATG	1140
QY	1141	AAGGAAATGAAAGAGGGGCTTGAGGATGAAAAGAGAGAGAGCCCTGAAAGATGA	1200
DB	1141	AAGGAAATGAAAGAGGGGCTTGAGGATGAAAAGAGAGAGAGCCCTGAAAGATGA	1200
QY	1201	CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTCCCTTAAGTGAATGAGCAGGTGA	1260
DB	1201	CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTCCCTTAAGTGAATGAGCAGGTGA	1260
QY	1261	ATTGGCCCTGATTCTGTGTCAAAAGGAAAGCGCTAACTTCAAAACATGAAGATTT	1320
DB	1261	ATTGGCCCTGATTCTGTGTCAAAAGGAAAGCGCTAACTTCAAAACATGAAGATTT	1320
QY	1321	AAATATCTCGTGTGACTGCACTTCAATCATGGATCTGTGATGGAACAGGATAGAG	1380
DB	1321	AAATATCTCGTGTGACTGCACTTCAATCATGGATCTGTGATGGAACAGGATAGAG	1380
QY	1381	AGATGATTTTGAATGGAATCTGTGATGGAATGGAATGGAATGGAATGGAATGGA	1440
DB	1381	AGATGATTTTGAATGGAATCTGTGATGGAATGGAATGGAATGGAATGGAATGGA	1440
QY	1441	TCCGCGCTTGGCAGGTCAAAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT	1500
DB	1441	TCCGCGCTTGGCAGGTCAAAAGAAAGACATTGGCCGATTGAAACTTCTCTACCTGACCT	1500
QY	1501	GCAACCCCAAGCAACTTCTGTTTCTGTTTATGATACGGCTGGCGGAGACAAAGTCGG	1560
DB	1501	GCAACCCCAAGCAACTTCTGTTTCTGTTTATGATACGGCTGGCGGAGACAAAGTCGG	1560
QY	1561	GAAACTTCCAGTGTGTTGTAAGAAAACAGTAAACATGCTGCGATGGGAGAGACCAAGAG	1620
DB	1561	GAAACTTCCAGTGTGTTGTAAGAAAACAGTAAACATGCTGCGATGGGAGAGACCAAGAG	1620
QY	1621	TGAGATGAAAGTGAAGACAGGGAATTCAGTGTATCAAGGAATCTGATGCTACCA	1680
DB	1621	TGAGATGAAAGTGAAGACAGGGAATTCAGTGTATCAAGGAATCTGATGCTACCA	1680
QY	1681	AAGCATCATTTTGAAGCAGAACTGTGCAAGGGCAAAACCGGCGAAATCCAGTGGATGG	1740
DB	1681	AAGCATCATTTTGAAGCAGAACTGTGCAAGGGCAAAACCGGCGAAATCCAGTGGATGG	1740
QY	1741	CGTCTGCTGTTTTCAGGCTTATCTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTT	1800
DB	1741	CGTCTGCTGTTTTCAGGCTTATCTCCAGATAGCCTTTTATCTGTGGATGACTGAATGTT	1800

1801 ACTATCTTATATTTGACCTTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860  
1801 ACTATCTTATATTTGACCTTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAG 1860  
1861 GACCTCTGCAATTTAGAAATTAAGTAAATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAT 1920  
1861 GACCTCTGCAATTTAGAAATTAAGTAAATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAT 1920  
1921 TGTAGATGCTTTCTTGTATGATGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATATAT 1980  
1921 TGTAGATGCTTTCTTGTATGATGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATATAT 1980  
1981 ATCTTCTGACCTTTCTGATGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATATAT 2040  
1981 ATCTTCTGACCTTTCTGATGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATATAT 2040  
2041 TATCTCCCTCTCTGATGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATATAT 2100  
2041 TATCTCCCTCTCTGATGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATATAT 2100  
2101 CATTTCTGAAATTAAGTAAATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAT 2160  
2101 CATTTCTGAAATTAAGTAAATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAT 2160  
2161 ACTTCTGAAATTAAGTAAATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAT 2220  
2161 ACTTCTGAAATTAAGTAAATTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATCATATAT 2220  
2221 TCATAGCAAACTTTGATATTTAAATTTCTTTGTAATAATAA 2260  
2221 TCATAGCAAACTTTGATATTTAAATTTCTTTGTAATAATAA 2260

RESULT 14  
US-09-918-585A-118  
Sequence 118, Application US/09918585A  
Publication No. US2003060406A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C1  
CURRENT APPLICATION NUMBER: US/09/918,585A  
CURRENT FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15

/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/085700								
/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/085689								
/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/085579								
/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/085580								
/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/085573								
/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/085704								
/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/085697								
/	PRIOR FILING DATE: 1998-05-15								
/	PRIOR APPLICATION NUMBER: 60/086023								
Query Match									
Best Local Similarity 99.7%; Score 2253; DB 10; Length 2260;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	CGGACGGCTGGGTCCGAGTGCAGCGAGAGACCAGCGGCTGAGAGAGAGAGCGCGC	60						
Dd	1	CGGACGGCTGGGTCCGAGTGCAGCGGAGGCCGAGGCCCTGAGAGAGAGAGCGCGC	60						
Qy	61	GCTTAGCTGCTACGGGTCCGGCGCGGCCCTCCGAGGGGGGCTCAGGAGGAGAAGGA	120						
Dd	61	GCTTAGCTGCTACGGGGTCGGCGCGGCCCTCCGAGGGGGCTCAGGAGGAGAAGGA	120						
Qy	121	GSACCCGTGCAGAAATGCCCTTGCCCTGGAGCCTTCGCGTCCCCTGCTGCTCTCTCTGG	180						
Dd	121	GSACCCGTGCAGAAATGCCCTTGCCCTGGAGCCTTCGCGTCCCCTGCTGCTCTCTCTGG	180						
Qy	181	TGGCAGGTGGTTTCGGGAAACGGGCGAAGTGCAGAGCATCACGGGTATTAGCATCGGCAC	240						
Dd	181	TGGCAGGTGGTTTCGGGAAACGGGCGCAAGTGCAGAGCATCACGGGTATTAGCATCGGCAC	240						
Qy	241	GTACGCTGGGGTCTGTCACTATGGAATAAACCTGGCCTGCTCTACGGCTGGAGAAGAA	300						
Dd	241	GTACGCTGGGGTCTGTCACTATGGAATAAACCTGGCCTGCTCTACGGCTGGAGAAGAA	300						
Qy	301	ACAGCAAGGGAGTCTGTGAAGTACATCGAAACTGGATTAAGTTTGTGTGATCGCTGG	360						
Dd	301	ACAGCAAGGGAGTCTGTGAAGTACATCGAACTGGATTAAGTTTGTGTGATCGCTGG	360						
Qy	361	GACCAACAATGCAATGCTTTCCAGATACACCGGAAAACCTGCAGTCAAGATGTGA	420						
Dd	361	GACCAACAATGCAATGCTTTCCAGATACACCGGAAAACCTGCAGTCAAGATGTGA	420						
Qy	421	ATGAGTGGGAATGAACCCCGGCCCATGCCAACACAGATGTGTGAATACACCGGAAGCT	480						
Dd	421	ATGAGTGGGAATGAACCCCGGCCCATGCCAACACAGATGTGTGAATACACCGGAAGCT	480						
Qy	481	ACAGTGTCTTTGCCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA	540						
Dd	481	ACAGTGTCTTTGCCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA	540						
Qy	541	GGACATGCCCATGATAAATCTCAGTACAGCTGTGCAAGACACAGAAAGAGGGCCACAGT	600						
Dd	541	GGACATGCCCATGATAAATCTCAGTACAGCTGTGCAAGACACAGAAAGAGGGCCACAGT	600						
Qy	601	GCTGTGTCCATCTCAGACATCCGCTGGCCCCCAATGGAAGAGACTGCTTAGATATTG	660						
Dd	601	GCTGTGTCCATCTCAGACATCCGCTGGCCCCCAATGGAAGAGACTGCTTAGATATTG	660						
Qy	661	ATGAATGTGCCCTCTGGTAAAGTCATCTGTCCCTACAATCGAAGATGTGTGAACACATTTG	720						
Dd	661	ATGAATGTGCCCTCTGGTAAAGTCATCTGTCCCTACAATCGAAGATGTGTGAACACATTTG	720						
Qy	721	GAAGCTACTACTGCAAATGTGCATTTGGTTTCGAGTGCATATATCAGTGGACGATATG	780						
Dd	721	GAAGCTACTACTGCAAATGTGCATTTGGTTTCGAGTGCATATATCAGTGGACGATATG	780						

QY 781 ACTGTATAGATATAAATGAATGACTATCGATAGCCATACGTGCGACCCACCATGCCAATT 840  
DB 781 ACTGTATAGATATAAATGAATGACTATCGATAGCCATACGTGCGACCCACCATGCCAATT 840  
QY 841 GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGGATATAAAGCAATGGAC 900  
DB 841 GCTTCAATACCCAGGGTCTCTCAAGTGTAAATGCAAGCAGGGATATAAAGCAATGGAC 900  
QY 901 TTGGTGTCTGTATCCCTGAAATCTGTGAAGGAAGTCTCTGAGCAGCCTGTGTACCA 960  
DB 901 TTGGTGTCTGTATCCCTGAAATCTGTGAAGGAAGTCTCTGAGCAGCCTGTGTACCA 960  
QY 961 TCAAGACAGCAATCAAGAACTGCTTGGCTCACAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
DB 961 TCAAGACAGCAATCAAGAACTGCTTGGCTCACAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
QY 1021 TTAAAAATGTACCCCGAACCACAGAGCTCTTACCCCTAAGGTGAACCTTGCAGCCCT 1080  
DB 1021 TTAAAAATGTACCCCGAACCACAGAGCTCTTACCCCTAAGGTGAACCTTGCAGCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGGGGGAACTCTCATGAGCTAAAAAGGAATG 1140  
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGGGGGAACTCTCATGAGGTAAAAAGGAATG 1140  
QY 1141 AAGAGAAATCAAGAGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200  
DB 1141 AAGAGAAATCAAGAGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200  
QY 1201 CATAGAGAGCGAAGCTCGAGAGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
DB 1201 CATAGAGAGCGAAGCTCGAGAGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTGGGCTGATCTGGTCAAAAGGAAGCGTAACTTCCAACTGGAACATAAAGATTT 1320  
DB 1261 ATTGGGCTGATCTGGTCAAAAGGAAGCGTAACTTCCAACTGGAACATAAAGATTT 1320  
QY 1321 AATATCTCGTTCACGACGCTTCAATCATGGATCTGTGACTGGAACAGATAGAGA 1380  
DB 1321 AATATCTCGTTCACGACGCTTCAATCATGGATCTGTGACTGGAACAGATAGAGA 1380  
QY 1381 AGATGATTTTGACTGGAATCTCTGATCGAGATATGCTATGCTTCTATATGCGAGT 1440  
DB 1381 AGATGATTTTGACTGGAATCTCTGATCGAGATATGCTATGCTTCTATATGCGAGT 1440  
QY 1441 TCCGGCTTGGCAGTCAAGAGAGCATGCGCATGGAACCTCTCTACCTGACCT 1500  
DB 1441 TCCGGCTTGGCAGTCAAGAGAGCATGCGCATGGAACCTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAACCGCTGCGCGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAACCGCTGCGCGAGACAAAGTCGG 1560  
QY 1561 GAAACTTGGAGTGTGTGAAAAACAGTAACTATGCTGGCATGGAGAGACCAAG 1620  
DB 1561 GAAACTTGGAGTGTGTGAAAAACAGTAACTATGCTGGCATGGAGAGACCAAG 1620  
QY 1621 TGAGGATGAAAGTGAAGAGACAGGAAAAATCAAGTTGATCAAGGAACCTGCTACCAA 1680  
DB 1621 TGAGGATGAAAGTGAAGAGACAGGAAAAATCAAGTTGATCAAGGAACCTGCTACCAA 1680  
QY 1681 AAGCATATTTTTGAAGCAGAACTGTGCAAGGGGCAAAACCGGCAATGCGAGTGATGG 1740  
DB 1681 AAGCATATTTTTGAAGCAGAACTGTGCAAGGGGCAAAACCGGCAATGCGAGTGATGG 1740  
QY 1741 CGTCTTGCTGTTTCAAGCTTATGCTCAGATAGCCTTTTATCTGTGATGACTGATGTT 1800  
DB 1741 CGTCTTGCTGTTTCAAGCTTATGCTCAGATAGCCTTTTATCTGTGATGACTGATGTT 1800  
QY 1801 ACTATCTTTATTTGATGCTTTGATGCTGCTGCTTTTGTGATATGATCATAG 1860  
DB 1801 ACTATCTTTATTTGATGCTTTGATGCTGCTGCTTTTGTGATATGATCATAG 1860  
QY 1861 GACCTCTGGCATTTTGAAGATTTACTAGCTGAAAAAATTTGATATGACCAACAGAAATATTAT 1920

DB 1861 GACCTCTGGCATTTTGAAGATTTACTAGCTGAAAAAATTTGATATGACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGATGCGTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980  
DB 1921 TGTAAAGATGCGTTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980  
QY 1981 ACTTCTCTAGTCAATTTCTGAAATCTTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040  
DB 1981 ACTTCTCTAGTCAATTTCTGAAATCTTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTACAA 2100  
DB 2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
DB 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAAACTATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220  
DB 2161 ACTTCTTGGAAACTATGACATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220  
QY 2221 TCATAGCCAACTCTGATATTTAAATTTCTTGTAAATAA 2260  
DB 2221 TCATAGCCAACTCTGATATTTAAATTTCTTGTAAATAA 2260

## RESULT 15

US-09-978-423A-118  
; Sequence 118, Application US/09978423A  
; Publication No. US20030069178A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C21  
CURRENT APPLICATION NUMBER: US/09/978,423A  
CURRENT FILING DATE: 2002-05-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13

1 PRIOR APPLICATION NUMBER: 60/066364  
2 PRIOR FILING DATE: 1997-11-21  
3 PRIOR APPLICATION NUMBER: 60/077450  
4 PRIOR FILING DATE: 1998-03-10  
5 PRIOR APPLICATION NUMBER: 60/077632  
6 PRIOR FILING DATE: 1998-03-11  
7 PRIOR APPLICATION NUMBER: 60/077641  
8 PRIOR FILING DATE: 1998-03-11  
9 PRIOR APPLICATION NUMBER: 60/077649  
10 PRIOR FILING DATE: 1998-03-11  
11 PRIOR APPLICATION NUMBER: 60/077791  
12 PRIOR FILING DATE: 1998-03-12  
13 PRIOR APPLICATION NUMBER: 60/078004  
14 PRIOR FILING DATE: 1998-03-13  
15 PRIOR APPLICATION NUMBER: 60/078886  
16 PRIOR FILING DATE: 1998-03-20  
17 PRIOR APPLICATION NUMBER: 60/078936  
18 PRIOR FILING DATE: 1998-03-20  
19 PRIOR APPLICATION NUMBER: 60/078910  
20 PRIOR FILING DATE: 1998-03-20  
21 PRIOR APPLICATION NUMBER: 60/078939  
22 PRIOR FILING DATE: 1998-03-20  
23 PRIOR APPLICATION NUMBER: 60/079294  
24 PRIOR FILING DATE: 1998-03-25  
25 PRIOR APPLICATION NUMBER: 60/079656  
26 PRIOR FILING DATE: 1998-03-26  
27 PRIOR APPLICATION NUMBER: 60/079664  
28 PRIOR FILING DATE: 1998-03-27  
29 PRIOR APPLICATION NUMBER: 60/079689  
30 PRIOR FILING DATE: 1998-03-27  
31 PRIOR APPLICATION NUMBER: 60/079663  
32 PRIOR FILING DATE: 1998-03-27  
33 PRIOR APPLICATION NUMBER: 60/079728  
34 PRIOR FILING DATE: 1998-03-27  
35 PRIOR APPLICATION NUMBER: 60/079786  
36 PRIOR FILING DATE: 1998-03-27  
37 PRIOR APPLICATION NUMBER: 60/079920  
38 PRIOR FILING DATE: 1998-03-30  
39 PRIOR APPLICATION NUMBER: 60/079923  
40 PRIOR FILING DATE: 1998-03-30  
41 PRIOR APPLICATION NUMBER: 60/080105  
42 PRIOR FILING DATE: 1998-03-31  
43 PRIOR APPLICATION NUMBER: 60/080107  
44 PRIOR FILING DATE: 1998-03-31  
45 PRIOR APPLICATION NUMBER: 60/080165  
46 PRIOR FILING DATE: 1998-03-31  
47 PRIOR APPLICATION NUMBER: 60/080194  
48 PRIOR FILING DATE: 1998-03-31  
49 PRIOR APPLICATION NUMBER: 60/080327  
50 PRIOR FILING DATE: 1998-04-01  
51 PRIOR APPLICATION NUMBER: 60/080328  
52 PRIOR FILING DATE: 1998-04-01  
53 PRIOR APPLICATION NUMBER: 60/080333  
54 PRIOR FILING DATE: 1998-04-01  
55 PRIOR APPLICATION NUMBER: 60/080334  
56 PRIOR FILING DATE: 1998-04-01  
57 PRIOR APPLICATION NUMBER: 60/081070  
58 PRIOR FILING DATE: 1998-04-08  
59 PRIOR APPLICATION NUMBER: 60/081049  
60 PRIOR FILING DATE: 1998-04-08  
61 PRIOR APPLICATION NUMBER: 60/081071  
62 PRIOR FILING DATE: 1998-04-08  
63 PRIOR APPLICATION NUMBER: 60/081195  
64 PRIOR FILING DATE: 1998-04-08  
65 PRIOR APPLICATION NUMBER: 60/081203  
66 PRIOR FILING DATE: 1998-04-09  
67 PRIOR APPLICATION NUMBER: 60/081229  
68 PRIOR FILING DATE: 1998-04-09  
69 PRIOR APPLICATION NUMBER: 60/081955  
70 PRIOR FILING DATE: 1998-04-15  
71 PRIOR APPLICATION NUMBER: 60/081817  
72 PRIOR FILING DATE: 1998-04-15  
73 PRIOR APPLICATION NUMBER: 60/081819  
74 PRIOR FILING DATE: 1998-04-15  
75 PRIOR APPLICATION NUMBER: 60/081952  
76 PRIOR FILING DATE: 1998-04-15  
77 PRIOR APPLICATION NUMBER: 60/081838  
78 PRIOR FILING DATE: 1998-04-15  
79 PRIOR APPLICATION NUMBER: 60/082568  
80 PRIOR FILING DATE: 1998-04-21  
81 PRIOR APPLICATION NUMBER: 60/082569  
82 PRIOR FILING DATE: 1998-04-21  
83 PRIOR APPLICATION NUMBER: 60/082704  
84 PRIOR FILING DATE: 1998-04-22  
85 PRIOR APPLICATION NUMBER: 60/082804  
86 PRIOR FILING DATE: 1998-04-22  
87 PRIOR APPLICATION NUMBER: 60/082700  
88 PRIOR FILING DATE: 1998-04-22  
89 PRIOR APPLICATION NUMBER: 60/082797  
90 PRIOR FILING DATE: 1998-04-22  
91 PRIOR APPLICATION NUMBER: 60/082796  
92 PRIOR FILING DATE: 1998-04-23  
93 PRIOR APPLICATION NUMBER: 60/083336  
94 PRIOR FILING DATE: 1998-04-27  
95 PRIOR APPLICATION NUMBER: 60/083322  
96 PRIOR FILING DATE: 1998-04-28  
97 PRIOR APPLICATION NUMBER: 60/083392  
98 PRIOR FILING DATE: 1998-04-29  
99 PRIOR APPLICATION NUMBER: 60/083495  
100 PRIOR FILING DATE: 1998-04-29  
101 PRIOR APPLICATION NUMBER: 60/083496  
102 PRIOR FILING DATE: 1998-04-29  
103 PRIOR APPLICATION NUMBER: 60/083499  
104 PRIOR FILING DATE: 1998-04-29  
105 PRIOR APPLICATION NUMBER: 60/083545  
106 PRIOR FILING DATE: 1998-04-29  
107 PRIOR APPLICATION NUMBER: 60/083554  
108 PRIOR FILING DATE: 1998-04-29  
109 PRIOR APPLICATION NUMBER: 60/083558  
110 PRIOR FILING DATE: 1998-04-29  
111 PRIOR APPLICATION NUMBER: 60/083559  
112 PRIOR FILING DATE: 1998-04-29  
113 PRIOR APPLICATION NUMBER: 60/083500  
114 PRIOR FILING DATE: 1998-04-29  
115 PRIOR APPLICATION NUMBER: 60/083742  
116 PRIOR FILING DATE: 1998-04-30  
117 PRIOR APPLICATION NUMBER: 60/084366  
118 PRIOR FILING DATE: 1998-05-05  
119 PRIOR APPLICATION NUMBER: 60/084414  
120 PRIOR FILING DATE: 1998-05-06  
121 PRIOR APPLICATION NUMBER: 60/084441  
122 PRIOR FILING DATE: 1998-05-06  
123 PRIOR APPLICATION NUMBER: 60/084637  
124 PRIOR FILING DATE: 1998-05-07  
125 PRIOR APPLICATION NUMBER: 60/084639  
126 PRIOR FILING DATE: 1998-05-07  
127 PRIOR APPLICATION NUMBER: 60/084640  
128 PRIOR FILING DATE: 1998-05-07  
129 PRIOR APPLICATION NUMBER: 60/084598  
130 PRIOR FILING DATE: 1998-05-07  
131 PRIOR APPLICATION NUMBER: 60/084600  
132 PRIOR FILING DATE: 1998-05-07  
133 PRIOR APPLICATION NUMBER: 60/084627  
134 PRIOR FILING DATE: 1998-05-07  
135 PRIOR APPLICATION NUMBER: 60/084643  
136 PRIOR FILING DATE: 1998-05-07  
137 PRIOR APPLICATION NUMBER: 60/085339  
138 PRIOR FILING DATE: 1998-05-13  
139 PRIOR APPLICATION NUMBER: 60/085338  
140 PRIOR FILING DATE: 1998-05-13  
141 PRIOR APPLICATION NUMBER: 60/085323  
142 PRIOR FILING DATE: 1998-05-13  
143 PRIOR APPLICATION NUMBER: 60/085582  
144 PRIOR FILING DATE: 1998-05-15  
145 PRIOR APPLICATION NUMBER: 60/085700  
146 PRIOR FILING DATE: 1998-05-15





1921	TGTAAGATGCCTTCTTCGTATAGAGATAGCCAATATTTGCTTTAAATATCATATACATGT	1980
1981	ATCTTCTCAGTCATTTCTCTGAATCTTTCCNCATTATATATAAAATNTCGAAANGTCAGTT	2040
1981	ATCTTCTCAGTCATTTCTCTGAATCTTTCCNCATTATATATAAAATNTCGAAANGTCAGTT	2040
2041	TATCTCCCTCCTCCTCNGGTATATCTGATTTGTATANGTANGCTTCTCTCTCAAA	2100
2041	TATCTCCCTCCTCCTCNGGTATATCTGATTTGTATANGTANGCTTCTCTCTCAAA	2100
2101	CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTTAACTGTTTGACTCTTATGAT	2160
2101	CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTTAACTGTTTGACTCTTATGAT	2160
2161	ACTTCTTGGAACCTATGCATCTCAAGATAGACATTTTGCCTAGTCGCTTAGCTGGGCTTT	2220
2161	ACTTCTTGGAACCTATGCATCTCAAGATAGACATTTTGCCTAGTCGCTTAGCTGGGCTTT	2220
2221	TCATAGCAAACTTGTATATTAATTTCTTTGTAATAATAA	2260
2221	TCATAGCAAACTTGTATATTAATTTCTTTGTAATAATAA	2260

RESULT 16

US-09-978-193A-118

Sequence 118, Application US/09978193A

Publication No. US20030073624A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Acids Encoding the Same

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C6

CURRENT APPLICATION NUMBER: US/09/978,193A

CURRENT FILING DATE: 2002-02-21

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796  
; PRIOR FILING DATE: 1998-04-23  
; PRIOR APPLICATION NUMBER: 60/083336  
; PRIOR FILING DATE: 1998-04-27  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/083392  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083495  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083496  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083499  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083545  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083554  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083558  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083559  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083500  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083742  
; PRIOR FILING DATE: 1998-04-30  
; PRIOR APPLICATION NUMBER: 60/084366  
; PRIOR FILING DATE: 1998-05-05  
; PRIOR APPLICATION NUMBER: 60/084414  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084637  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084639  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084598  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084627  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084643  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/085339  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085338  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580

; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697  
  
Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60  
DB 1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60  
QY 61 GCTTAGCTGCTACGGGGTCCGGCGCGGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGGTCCGGCGCGGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
QY 121 GGACCCGTGCGAGATGCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTCTGGG 180  
DB 121 GGACCCGTGCGAGATGCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTTCGGGAAACGCGGCGCAGTCAAGGCAATCAAGGCTTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTCGGGAAACGCGGCGCAGTCAAGGCAATCAAGGCTTGTAGCATCGGCAC 240  
QY 241 GTCAGCTGGGGTCTGCTCACTATGGAATGCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTGGG 300  
DB 241 GTCAGCTGGGGTCTGCTCACTATGGAATGCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTGGG 300  
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGAATGTAAGTTTGGTGGTGGCTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGGAATGTAAGTTTGGTGGTGGCTGG 360  
QY 361 GACCAACCAANTGCAAGTCTTCCAGGATACACCGGAAACCTCGAGTCAAGATGTA 420  
DB 361 GACCAACCAANTGCAAGTCTTCCAGGATACACCGGAAACCTCGAGTCAAGATGTA 420  
QY 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTAATACACACGGAAGCT 480  
DB 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTAATACACACGGAAGCT 480  
QY 481 ACAAGTCTTTTGGCTCAGTGCCGACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540  
DB 481 ACAAGTCTTTTGGCTCAGTGCCGACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA 540  
QY 541 GGACATGTGCCATGATAAACTGTCAAGTACAGTGTGAAGACACAGAGAGAGGCGGCAAGT 600  
DB 541 GGACATGTGCCATGATAAACTGTCAAGTACAGTGTGAAGACACAGAGAGAGGCGGCAAGT 600  
QY 601 GCGTGTGTCCTCCTCAGGACTCCCGCTGGCGCCCAATGGAAGAGAGTGTCTAGATATTG 660  
DB 601 GCGTGTGTCCTCCTCAGGACTCCCGCTGGCGCCCAATGGAAGAGAGTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTGTTAAAGTCACTGTGCCCTACAATCGAAGATGTGTGAACACATTG 720  
DB 661 ATGAATGTGCTCTGTTAAAGTCACTGTGCCCTACAATCGAAGATGTGTGAACACATTG 720  
QY 721 GAAGTACTACTGCAAAATGTCATTTGGTTTGGAACTGCAATATATCATGAGTGAAGATG 780  
DB 721 GAAGTACTACTGCAAAATGTCATTTGGTTTGGAACTGCAATATATCATGAGTGAAGATG 780  
QY 781 ACTGTATAGATATAAATGAATGTACTGTGATGAGCCTACGTCAGGCCACCATGCAATT 840  
DB 781 ACTGTATAGATATAAATGAATGTACTGTGATGAGCCTACGTCAGGCCACCATGCAATT 840  
QY 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGAC 900  
DB 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGAC 900  
QY 901 TTGGTGTCTGCTATCCCTGGAATTTCTGTAAGGAGTCTCTCAGAGCAGCTGTGTACCA 960  
DB 901 TTGGTGTCTGCTATCCCTGGAATTTCTGTAAGGAGTCTCTCAGAGCAGCTGTGTACCA 960

Db 901 TTCGGTGTCTCTGCTATCCCTGAAATAATCTGTGAAGGAAGTCTCAGAGACCTGGTACCA 960  
Qy 961 TCAAGACAGAAATCAAGAAGTGTCTGTCTACAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAAGTGTCTGTCTACAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
Qy 1021 TAAAAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCAGCCCT 1080  
Db 1021 TAAAAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCAGCCCT 1080  
Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAAAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAAAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Db 1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAAAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Qy 1201 CATAG 1260  
Db 1201 CATAG 1260  
Qy 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACATGAAGATTT 1320  
Db 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACATGAAGATTT 1320  
Qy 1321 AAATATCTCGGTGACTCGAGCTTCAATCATGGATCTGTGACTGGGAAACAGATAGAGA 1380  
Db 1321 AAATATCTCGGTGACTCGAGCTTCAATCATGGATCTGTGACTGGGAAACAGATAGAGA 1380  
Qy 1381 AGATGATTTGATCGGAATCTCTGCTGATCGAGATGAATCTATTGGCTTCTATATGCGAGT 1440  
Db 1381 AGATGATTTGATCGGAATCTCTGCTGATCGAGATGAATCTATTGGCTTCTATATGCGAGT 1440  
Qy 1441 TCCGCGCTTGGCAGTTCACAGAGAGACATTTGGCGGATGAACTTCTCTACTGACCT 1500  
Db 1441 TCCGCGCTTGGCAGTTCACAGAGAGACATTTGGCGGATGAACTTCTCTACTGACCT 1500  
Qy 1501 GCAACCCCAAGCACTTCTGTCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCACTTCTGTCTCTTTGATTACCGGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAACTTGCAGTGTGTGAAAAACAGTAACAAATGCCCTGCGAGAGAGAGAGAGAGAGAG 1620  
Db 1561 GAACTTGCAGTGTGTGAAAAACAGTAACAAATGCCCTGCGAGAGAGAGAGAGAGAGAG 1620  
Qy 1621 TCAGGATGAAGTGAAGACAGAGGAAATTCAGTTGATCAAGGAACTGATGTACCAA 1680  
Db 1621 TCAGGATGAAGTGAAGACAGAGGAAATTCAGTTGATCAAGGAACTGATGTACCAA 1680  
Qy 1681 AAGCATATTTTGAAGCAGAACGTGGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATATTTTGAAGCAGAACGTGGCAAGGCAAAACCGCGGAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTGTCTGTTTTCAGGCTATGTCAGATAGCTTTATCTGTGATGACTGAATGTT 1800  
Db 1741 CGTCTGTCTGTTTTCAGGCTATGTCAGATAGCTTTATCTGTGATGACTGAATGTT 1800  
Qy 1801 ACTATCTTTATATTTGACTTTGATGTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1860  
Db 1801 ACTATCTTTATATTTGACTTTGATGTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1860  
Qy 1861 GACCTCTGCATTTAGAAATTAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 1920  
Db 1861 GACCTCTGCATTTAGAAATTAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 1920  
Qy 1921 TGAAGATGCTTTCTTGTATGAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGAAGATGCTTTCTTGTATGAAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 AUCTTCTAGTCAATTCGAATCTTCCNCATTAATTAATAAATNTGGAANGTCAGTT 2040  
Db 1981 AUCTTCTAGTCAATTCGAATCTTCCNCATTAATTAATAAATNTGGAANGTCAGTT 2040

RESULT 17

US-09-999-830A-118  
; Sequence 118, Application US/09999830A

; Publication No. US2003007700A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C70

; CURRENT APPLICATION NUMBER: US/09/999,830A

; CURRENT FILING DATE: 2001-08-31

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGATNGCTTCTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAAAGACAGAGAAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Qy 2161 ACTTCTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAAGTGGCTTAGCTGGTCTT 2220  
Db 2161 ACTTCTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAAGTGGCTTAGCTGGTCTT 2220  
Qy 2221 TCATAGCCAAACTGTATATTTAATTTCTTTGTAATAATAA 2260  
Db 2221 TCATAGCCAAACTGTATATTTAATTTCTTTGTAATAATAA 2260

1	PRIOR APPLICATION NUMBER: 60/077791	1	PRIOR FILING DATE: 1998-04-22
2	PRIOR FILING DATE: 1998-03-12	2	PRIOR APPLICATION NUMBER: 60/082804
3	PRIOR APPLICATION NUMBER: 60/078004	3	PRIOR FILING DATE: 1998-04-22
4	PRIOR FILING DATE: 1998-03-13	4	PRIOR APPLICATION NUMBER: 60/082700
5	PRIOR APPLICATION NUMBER: 60/078886	5	PRIOR FILING DATE: 1998-04-22
6	PRIOR FILING DATE: 1998-03-20	6	PRIOR APPLICATION NUMBER: 60/082797
7	PRIOR APPLICATION NUMBER: 60/078936	7	PRIOR FILING DATE: 1998-04-22
8	PRIOR FILING DATE: 1998-03-20	8	PRIOR APPLICATION NUMBER: 60/082796
9	PRIOR APPLICATION NUMBER: 60/078910	9	PRIOR FILING DATE: 1998-04-23
10	PRIOR FILING DATE: 1998-03-20	10	PRIOR APPLICATION NUMBER: 60/083336
11	PRIOR APPLICATION NUMBER: 60/078939	11	PRIOR FILING DATE: 1998-04-27
12	PRIOR FILING DATE: 1998-03-20	12	PRIOR APPLICATION NUMBER: 60/083322
13	PRIOR APPLICATION NUMBER: 60/079294	13	PRIOR FILING DATE: 1998-04-28
14	PRIOR FILING DATE: 1998-03-25	14	PRIOR APPLICATION NUMBER: 60/083392
15	PRIOR APPLICATION NUMBER: 60/079656	15	PRIOR FILING DATE: 1998-04-29
16	PRIOR FILING DATE: 1998-03-26	16	PRIOR APPLICATION NUMBER: 60/083495
17	PRIOR APPLICATION NUMBER: 60/079664	17	PRIOR FILING DATE: 1998-04-29
18	PRIOR FILING DATE: 1998-03-27	18	PRIOR APPLICATION NUMBER: 60/083496
19	PRIOR APPLICATION NUMBER: 60/079689	19	PRIOR FILING DATE: 1998-04-29
20	PRIOR FILING DATE: 1998-03-27	20	PRIOR APPLICATION NUMBER: 60/083499
21	PRIOR APPLICATION NUMBER: 60/079663	21	PRIOR FILING DATE: 1998-04-29
22	PRIOR FILING DATE: 1998-03-27	22	PRIOR APPLICATION NUMBER: 60/083545
23	PRIOR APPLICATION NUMBER: 60/079728	23	PRIOR FILING DATE: 1998-04-29
24	PRIOR FILING DATE: 1998-03-27	24	PRIOR APPLICATION NUMBER: 60/083554
25	PRIOR APPLICATION NUMBER: 60/079786	25	PRIOR FILING DATE: 1998-04-29
26	PRIOR FILING DATE: 1998-03-27	26	PRIOR APPLICATION NUMBER: 60/083558
27	PRIOR APPLICATION NUMBER: 60/079920	27	PRIOR FILING DATE: 1998-04-29
28	PRIOR FILING DATE: 1998-03-30	28	PRIOR APPLICATION NUMBER: 60/083559
29	PRIOR APPLICATION NUMBER: 60/079923	29	PRIOR FILING DATE: 1998-04-29
30	PRIOR FILING DATE: 1998-03-30	30	PRIOR APPLICATION NUMBER: 60/083500
31	PRIOR APPLICATION NUMBER: 60/080105	31	PRIOR FILING DATE: 1998-04-29
32	PRIOR FILING DATE: 1998-03-31	32	PRIOR APPLICATION NUMBER: 60/083742
33	PRIOR APPLICATION NUMBER: 60/080107	33	PRIOR FILING DATE: 1998-04-30
34	PRIOR FILING DATE: 1998-03-31	34	PRIOR APPLICATION NUMBER: 60/084366
35	PRIOR APPLICATION NUMBER: 60/080165	35	PRIOR FILING DATE: 1998-05-05
36	PRIOR FILING DATE: 1998-03-31	36	PRIOR APPLICATION NUMBER: 60/084414
37	PRIOR APPLICATION NUMBER: 60/080194	37	PRIOR FILING DATE: 1998-05-06
38	PRIOR FILING DATE: 1998-03-31	38	PRIOR APPLICATION NUMBER: 60/084441
39	PRIOR APPLICATION NUMBER: 60/080327	39	PRIOR FILING DATE: 1998-05-06
40	PRIOR FILING DATE: 1998-04-01	40	PRIOR APPLICATION NUMBER: 60/084637
41	PRIOR APPLICATION NUMBER: 60/080328	41	PRIOR FILING DATE: 1998-05-07
42	PRIOR FILING DATE: 1998-04-01	42	PRIOR APPLICATION NUMBER: 60/084639
43	PRIOR APPLICATION NUMBER: 60/080333	43	PRIOR FILING DATE: 1998-05-07
44	PRIOR FILING DATE: 1998-04-01	44	PRIOR APPLICATION NUMBER: 60/084640
45	PRIOR APPLICATION NUMBER: 60/080334	45	PRIOR FILING DATE: 1998-05-07
46	PRIOR FILING DATE: 1998-04-01	46	PRIOR APPLICATION NUMBER: 60/084598
47	PRIOR APPLICATION NUMBER: 60/081070	47	PRIOR FILING DATE: 1998-05-07
48	PRIOR FILING DATE: 1998-04-08	48	PRIOR APPLICATION NUMBER: 60/084600
49	PRIOR APPLICATION NUMBER: 60/081049	49	PRIOR FILING DATE: 1998-05-07
50	PRIOR FILING DATE: 1998-04-08	50	PRIOR APPLICATION NUMBER: 60/084627
51	PRIOR APPLICATION NUMBER: 60/081071	51	PRIOR FILING DATE: 1998-05-07
52	PRIOR FILING DATE: 1998-04-08	52	PRIOR APPLICATION NUMBER: 60/084643
53	PRIOR APPLICATION NUMBER: 60/081195	53	PRIOR FILING DATE: 1998-05-07
54	PRIOR FILING DATE: 1998-04-08	54	PRIOR APPLICATION NUMBER: 60/085339
55	PRIOR APPLICATION NUMBER: 60/081203	55	PRIOR FILING DATE: 1998-05-13
56	PRIOR FILING DATE: 1998-04-09	56	PRIOR APPLICATION NUMBER: 60/085338
57	PRIOR APPLICATION NUMBER: 60/081229	57	PRIOR FILING DATE: 1998-05-13
58	PRIOR FILING DATE: 1998-04-09	58	PRIOR APPLICATION NUMBER: 60/085323
59	PRIOR APPLICATION NUMBER: 60/081955	59	PRIOR FILING DATE: 1998-05-13
60	PRIOR FILING DATE: 1998-04-15	60	PRIOR APPLICATION NUMBER: 60/085582
61	PRIOR APPLICATION NUMBER: 60/081817	61	PRIOR FILING DATE: 1998-05-15
62	PRIOR FILING DATE: 1998-04-15	62	PRIOR APPLICATION NUMBER: 60/085700
63	PRIOR APPLICATION NUMBER: 60/081819	63	PRIOR FILING DATE: 1998-05-15
64	PRIOR FILING DATE: 1998-04-15	64	PRIOR APPLICATION NUMBER: 60/085689
65	PRIOR APPLICATION NUMBER: 60/081952	65	PRIOR FILING DATE: 1998-05-15
66	PRIOR FILING DATE: 1998-04-15	66	PRIOR APPLICATION NUMBER: 60/085579
67	PRIOR APPLICATION NUMBER: 60/081838	67	PRIOR FILING DATE: 1998-05-15
68	PRIOR FILING DATE: 199		

; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCTGGGTGGAGTGGCGGAGCGGAGCCGAGCGGCTGAGGACAGAGGAGGCGG	60
DB	1	CGGAAGCTGGGTGGAGTGGCGGAGCGGAGCCGAGCGGCTGAGGACAGAGGAGGCGG	60
QY	61	GCTTAGCTGCTACGCGGTTCGCGCGCGGCGGCTCCCGAGGCGGCTCAGGAGGAGGAGGA	120
DB	61	GCTTAGCTGCTACGCGGTTCGCGCGCGGCGGCTCCCGAGGCGGCTCAGGAGGAGGAGGA	120
QY	121	GGACCGTGGAGATGCTCTGCCCTGGAGCTTGGCTCCCGCTGCTCTCTCTGGG	180
DB	121	GGACCGTGGAGATGCTCTGCCCTGGAGCTTGGCTCCCGCTGCTCTCTCTGGG	180
QY	181	TGGCAGGTGGTTTCGGGAAACCGCGCAGTGCAGGCAATCAGGGTTCGTAGCATCGGCAC	240
DB	181	TGGCAGGTGGTTTCGGGAAACCGCGCAGTGCAGGCAATCAGGGTTCGTAGCATCGGCAC	240
QY	241	GTACGCTGGGTGTGTCAATAGAACTAAACTGGCTGCTACGGCTGGAGAGAA	300
DB	241	GTACGCTGGGTGTGTCAATAGAACTAAACTGGCTGCTACGGCTGGAGAGAA	300
QY	301	ACAGCAGGAGTGTGTAAGTCAATGCAATCGCAACCTGGATGTAGTTGGTGGCTGG	360
DB	301	ACAGCAGGAGTGTGTAAGTCAATGCAATCGCAACCTGGATGTAGTTGGTGGCTGG	360
QY	361	GACCAACAAATGCAATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGA	420
DB	361	GACCAACAAATGCAATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTGA	420
QY	421	ATGAGTGTGGATGAACCCCGGCATCGCAACCTGGATGTAGTTGGTGGCTGG	480
DB	421	ATGAGTGTGGATGAACCCCGGCATCGCAACCTGGATGTAGTTGGTGGCTGG	480
QY	481	ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAACCTTA	540
DB	481	ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAACCTTA	540
QY	541	GGACATGGCCATGAATAACTGTGAGTACAGTGTGAGACACAGAAAGGCGCCACAGT	600
DB	541	GGACATGGCCATGAATAACTGTGAGTACAGTGTGAGACACAGAAAGGCGCCACAGT	600
QY	601	GCTGTGTCATCTCCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG	660
DB	601	GCTGTGTCATCTCCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG	660
QY	661	ATGAATGGCTCTGGTAAAGTATCTGCTCCTCAATCGAAGATGTGAAACATTTG	720
DB	661	ATGAATGGCTCTGGTAAAGTATCTGCTCCTCAATCGAAGATGTGAAACATTTG	720
QY	721	GAACTGTACTGCAAAATGTCATTTGTTTGGACTGCAATATATCAGTGGAGATATG	780
DB	721	GAACTGTACTGCAAAATGTCATTTGTTTGGACTGCAATATATCAGTGGAGATATG	780
QY	781	ACTGTATAGATATAATGAATGCTATGATGGATGCAATCGTGGAGCCACCTGCTCAAT	840
DB	781	ACTGTATAGATATAATGAATGCTATGATGGATGCAATCGTGGAGCCACCTGCTCAAT	840
QY	841	GCTTCATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC	900
DB	841	GCTTCATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAGGCAATGGAC	900
QY	901	TTCCGTGTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCAGAGCACCTGGTACCA	960
DB	901	TTCCGTGTCTGCTATCCCTGAAATTTCTGTGAAGAAAGTCTCAGAGCACCTGGTACCA	960
QY	961	TCAAGACAGATCAAGAGTGTCTTGTCTCAAAAACAGCATGAAAGAGGCAAAA	1020
DB	961	TCAAGACAGATCAAGAGTGTCTTGTCTCAAAAACAGCATGAAAGAGGCAAAA	1020

QY	1021	TTAAAAATGTTTACCCCAAGAACCCACACAGGACTCTTACCCCTAAGGTGAACCTTGCAGCCCT	1080
DB	1021	TTAAAAATGTTTACCCCAAGAACCCACACAGGACTCTTACCCCTAAGGTGAACCTTGCAGCCCT	1080
QY	1081	TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATG	1140
DB	1081	TCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACCTCTCATGAGGTAAAAAGGGAATG	1140
QY	1141	AAGAGAAATGAAAGAGGGGCTTGGAGGTGAGAAAGAGAGAAAGCCCTGGAAGATGA	1200
DB	1141	AAGAGAAATGAAAGAGGGGCTTGGAGGTGAGAAAGAGAGAAAGCCCTGGAAGATGA	1200
QY	1201	CATAGAGGAGGAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
DB	1201	CATAGAGGAGGAGCCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
QY	1261	ATTGGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAGATTT	1320
DB	1261	ATTGGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAGATTT	1320
QY	1321	AAATATCTCGGTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA	1380
DB	1321	AAATATCTCGGTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGAGA	1380
QY	1381	AGATGATTTTGGCTGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT	1440
DB	1381	AGATGATTTTGGCTGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGCGAGT	1440
QY	1441	TCGGCTCTGGCAGGTCAAGAAAGACATGCGCGGATGGAACCTTCTCTACCTGACCT	1500
DB	1441	TCGGCTCTGGCAGGTCAAGAAAGACATGCGCGGATGGAACCTTCTCTACCTGACCT	1500
QY	1501	GCAACCCCAAGCAACTTCTGTTTGTCTTTGATACCGGCTGCGCGGAGACAAAGTCGG	1560
DB	1501	GCAACCCCAAGCAACTTCTGTTTGTCTTTGATACCGGCTGCGCGGAGACAAAGTCGG	1560
QY	1561	GAACTTCGAGTGTTCGTAAGAACAGTAAACATGCGCTGGCATGGGAGAGACCAAG	1620
DB	1561	GAACTTCGAGTGTTCGTAAGAACAGTAAACATGCGCTGGCATGGGAGAGACCAAG	1620
QY	1621	TGAGATGAAAGTGGAGAGACAGGGAATTCAGTTGATCAAGGAACTGATCTACCAA	1680
DB	1621	TGAGATGAAAGTGGAGAGACAGGGAATTCAGTTGATCAAGGAACTGATCTACCAA	1680
QY	1681	AAGCATCAATTTTGAAGCAGAACGTCGCAAGGCGCAAAACCGCGGAAATCGCAGTGGATGG	1740
DB	1681	AAGCATCAATTTTGAAGCAGAACGTCGCAAGGCGCAAAACCGCGGAAATCGCAGTGGATGG	1740
QY	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGCGGATGACTGAATGTT	1800
DB	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGCGGATGACTGAATGTT	1800
QY	1801	ACTATCTTTATTTGACTTTGATGTCAGTCCCTGGTTTTTTTGGATTTGTCATCATAG	1860
DB	1801	ACTATCTTTATTTGACTTTGATGTCAGTCCCTGGTTTTTTTGGATTTGTCATCATAG	1860
QY	1861	GACCTCTGGCATTTTGAATTAATGCTGAAATTTGTAATGTACCAAGAGAAATTTAT	1920
DB	1861	GACCTCTGGCATTTTGAATTAATGCTGAAATTTGTAATGTACCAAGAGAAATTTAT	1920
QY	1921	TGTAAGATGCTTTTCTGTAATGATGCAATATTTGCTTTTAAATATCATATCACTGT	1980
DB	1921	TGTAAGATGCTTTTCTGTAATGATGCAATATTTGCTTTTAAATATCATATCACTGT	1980
QY	1981	ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATATAAAATNTGGAATGTCAGTT	2040
DB	1981	ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATATAAAATNTGGAATGTCAGTT	2040
QY	2041	TATCTCTCCCTCCTCNGTATATCTGATTTGTATGTTGATGCTCTCTCTACAA	2100
DB	2041	TATCTCTCCCTCCTCNGTATATCTGATTTGTATGTTGATGCTCTCTCTACAA	2100

QY 2101 CATTCTAGAAATGAAAAAAGCAGAGAAATGTTAACTGTTGACTCTTATGAT 2160  
DB 2101 CATTCTAGAAATGAAAAAAGCAGAGAAATGTTAACTGTTGACTCTTATGAT 2160  
QY 2161 ACTCTTGAAACTGACATCAAGATAGACTTTTGGCTTAAGTGGCTTACGCTGGGCTT 2220  
DB 2161 ACTCTTGAAACTGACATCAAGATAGACTTTTGGCTTAAGTGGCTTACGCTGGGCTT 2220  
QY 2221 TCATGCCAAACTGTATATTTTAACTCTTGTGTAATATAA 2260  
DB 2221 TCATGCCAAACTGTATATTTTAACTCTTGTGTAATATAA 2260

## RESULT 18

US-09-978-757A-118

; Sequence 118, Application US/09978757A

; Publication No. US20030083248A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C26

; CURRENT FILING DATE: 2002-03-19

; PRIOR APPLICATION NUMBER: US/09/978,757A

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; PRIOR APPLICATION NUMBER: 60/078004

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22



1 PRIOR APPLICATION NUMBER: 60/082797  
2 PRIOR FILING DATE: 1998-04-22  
3 PRIOR APPLICATION NUMBER: 60/082796  
4 PRIOR FILING DATE: 1998-04-23  
5 PRIOR APPLICATION NUMBER: 60/083336  
6 PRIOR FILING DATE: 1998-04-27  
7 PRIOR APPLICATION NUMBER: 60/083322  
8 PRIOR FILING DATE: 1998-04-28  
9 PRIOR APPLICATION NUMBER: 60/083392  
10 PRIOR FILING DATE: 1998-04-29  
11 PRIOR APPLICATION NUMBER: 60/083495  
12 PRIOR FILING DATE: 1998-04-29  
13 PRIOR APPLICATION NUMBER: 60/083496  
14 PRIOR FILING DATE: 1998-04-29  
15 PRIOR APPLICATION NUMBER: 60/083499  
16 PRIOR FILING DATE: 1998-04-29  
17 PRIOR APPLICATION NUMBER: 60/083545  
18 PRIOR FILING DATE: 1998-04-29  
19 PRIOR APPLICATION NUMBER: 60/083554  
20 PRIOR FILING DATE: 1998-04-29  
21 PRIOR APPLICATION NUMBER: 60/083558  
22 PRIOR FILING DATE: 1998-04-29  
23 PRIOR APPLICATION NUMBER: 60/083559  
24 PRIOR FILING DATE: 1998-04-29  
25 PRIOR APPLICATION NUMBER: 60/083500  
26 PRIOR FILING DATE: 1998-04-29  
27 PRIOR APPLICATION NUMBER: 60/083742  
28 PRIOR FILING DATE: 1998-04-30  
29 PRIOR APPLICATION NUMBER: 60/084366  
30 PRIOR FILING DATE: 1998-05-05  
31 PRIOR APPLICATION NUMBER: 60/084414  
32 PRIOR FILING DATE: 1998-05-06  
33 PRIOR APPLICATION NUMBER: 60/084441  
34 PRIOR FILING DATE: 1998-05-06  
35 PRIOR APPLICATION NUMBER: 60/084637  
36 PRIOR FILING DATE: 1998-05-07  
37 PRIOR APPLICATION NUMBER: 60/084639  
38 PRIOR FILING DATE: 1998-05-07  
39 PRIOR APPLICATION NUMBER: 60/084640  
40 PRIOR FILING DATE: 1998-05-07  
41 PRIOR APPLICATION NUMBER: 60/084598  
42 PRIOR FILING DATE: 1998-05-07  
43 PRIOR APPLICATION NUMBER: 60/084600  
44 PRIOR FILING DATE: 1998-05-07  
45 PRIOR APPLICATION NUMBER: 60/084627  
46 PRIOR FILING DATE: 1998-05-07  
47 PRIOR APPLICATION NUMBER: 60/084643  
48 PRIOR FILING DATE: 1998-05-07  
49 PRIOR APPLICATION NUMBER: 60/085339  
50 PRIOR FILING DATE: 1998-05-13  
51 PRIOR APPLICATION NUMBER: 60/085338  
52 PRIOR FILING DATE: 1998-05-13  
53 PRIOR APPLICATION NUMBER: 60/085323  
54 PRIOR FILING DATE: 1998-05-13  
55 PRIOR APPLICATION NUMBER: 60/085582  
56 PRIOR FILING DATE: 1998-05-15  
57 PRIOR APPLICATION NUMBER: 60/085700  
58 PRIOR FILING DATE: 1998-05-15  
59 PRIOR APPLICATION NUMBER: 60/085689  
60 PRIOR FILING DATE: 1998-05-15  
61 PRIOR APPLICATION NUMBER: 60/085579  
62 PRIOR FILING DATE: 1998-05-15  
63 PRIOR APPLICATION NUMBER: 60/085580  
64 PRIOR FILING DATE: 1998-05-15  
65 PRIOR APPLICATION NUMBER: 60/085573  
66 PRIOR FILING DATE: 1998-05-15  
67 PRIOR APPLICATION NUMBER: 60/085704  
68 PRIOR FILING DATE: 1998-05-15  
69 PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGCGGCG 60  
DB 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGCGGCG 60  
QY 61 GCTTAGCTGTACGGGGTCCGGCGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGGA 120  
DB 61 GCTTAGCTGTACGGGGTCCGGCGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGGA 120  
QY 121 GGACCCGTGCGAGAAATGCCCTCTGCCCTGGAGCCTTGGCGTCCCGCTGCTCTCTCTGGG 180  
DB 121 GGACCCGTGCGAGAAATGCCCTCTGCCCTGGAGCCTTGGCGTCCCGCTGCTCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTTCGGGAACGCGGCGCAGTGCAGAGGATCACGGGTTTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTCGGGAACGCGGCGCAGTGCAGAGGATCACGGGTTTGTAGCATCGGCAC 240  
QY 241 GTGAGCCTGGGGTCTGTCACTATGGAATGAACTGAGGCTTGGCTTACGGCTGGAGAGAA 300  
DB 241 GTGAGCCTGGGGTCTGTCACTATGGAATGAACTGAGGCTTGGCTTACGGCTGGAGAGAA 300  
QY 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAAGTTTGTGAGTGGGTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAAGTTTGTGAGTGGGTGG 360  
QY 361 GACCAACAAATGCAGATGCTTCCAGGATACACCGGGAACCTGCAGTCAAGATGTGA 420  
DB 361 GACCAACAAATGCAGATGCTTCCAGGATACACCGGGAACCTGCAGTCAAGATGTGA 420  
QY 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGGAATACACAGCGAAGCT 480  
DB 421 ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGGAATACACAGCGAAGCT 480  
QY 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTAACCTCTA 540  
DB 481 ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTAACCTCTA 540  
QY 541 GGACATGTGCCATGATAAATGTGTCAGTACAGCTGTGAAGACACAGAGAGGGGCCACAGT 600  
DB 541 GGACATGTGCCATGATAAATGTGTCAGTACAGCTGTGAAGACACAGAGAGGGGCCACAGT 600  
QY 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
DB 601 GCCTGTGTCCATCTCAGGACTCGGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCATCAATCGAAGATGTGTAACACATTTG 720  
DB 661 ATGAATGTGCTCTGTGTAAGTCACTGTCTCCATCAATCGAAGATGTGTAACACATTTG 720  
QY 721 GAAGCTACTACTGCAAAATGTGCAATGTTGCACTGCAATATATCAGTGGACGATATG 780  
DB 721 GAAGCTACTACTGCAAAATGTGCAATGTTGCACTGCAATATATCAGTGGACGATATG 780  
QY 781 ACTGTATAGATATAAATGAATGTACTATGGATAGCCATACGTGCAGCCACCATGCCAAT 840  
DB 781 ACTGTATAGATATAAATGAATGTACTATGGATAGCCATACGTGCAGCCACCATGCCAAT 840  
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGAGGATATAAAGGCAATGGAC 900  
DB 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGAGGATATAAAGGCAATGGAC 900  
QY 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAACTCCTCAGAGCACCTGGTACCA 960  
DB 901 TTGCGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAACTCCTCAGAGCACCTGGTACCA 960  
QY 961 TCAAGACAGAAATCAAGAGTTGTTGCTCAAAAAACAGATGAAAAAGAGGCAAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAGTTGTTGCTCAAAAAACAGATGAAAAAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTTACCCGAGAACCCACAGGACTCTACCTCCCTTAAGGTGAATTTGAGCCCT 1080  
DB 1021 TTAATAATGTTTACCCGAGAACCCACAGGACTCTACCTCCCTTAAGGTGAATTTGAGCCCT 1080

1081 TCAACTATGAAGAGATAGTTCCTCAGAGCGGGAACCTCTCATGGAGTAAAGGGAATG 1140  
1081 TCAACTATGAAGAGATAGTTCCTCAGAGCGGGAACCTCTCATGGAGTAAAGGGAATG 1140  
1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAGAGATGA 1200  
1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAGAGATGA 1200  
1201 CATAGAGGAGCAAGGCTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
1201 CATAGAGGAGCAAGGCTCGAGGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
1261 ATTCCGCTGANTCTGCTCCAAAGGAAGCCCTAATCTCCAACTGGAACATAAGATTT 1320  
1261 ATTCCGCTGANTCTGCTCCAAAGGAAGCCCTAATCTCCAACTGGAACATAAGATTT 1320  
1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380  
1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGATCTGTGACTGGAACAGGATAGAGA 1380  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTGGCTTCTATATGGCAGT 1440  
1441 TCCGGCTTTGGCAGGTCACAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500  
1441 TCCGGCTTTGGCAGGTCACAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500  
1501 GCAACCCCAAGCAACTCTGTGTTGCTCTTGTATACCGCTGGCCGGAGCAAAAGTCGG 1560  
1501 GCAACCCCAAGCAACTCTGTGTTGCTCTTGTATACCGCTGGCCGGAGCAAAAGTCGG 1560  
1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTGCGATCGGAGAGACACACAG 1620  
1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTGCGATCGGAGAGACACACAG 1620  
1621 TGAGGATGAAAGTGGAGAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCAA 1680  
1621 TGAGGATGAAAGTGGAGAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCAA 1680  
1681 AAGCATCATTTTGAAGCAAGCGTGGCAAGGCAAAACCGCGAATTCGAGTGGATGG 1740  
1681 AAGCATCATTTTGAAGCAAGCGTGGCAAGGCAAAACCGCGAATTCGAGTGGATGG 1740  
1741 CGTCTGCTGTTTCAGGCTTATGTCAGATGCTTATGTCAGTCCCTGGTTTTTGTATTCATCATAG 1800  
1741 CGTCTGCTGTTTCAGGCTTATGTCAGATGCTTATGTCAGTCCCTGGTTTTTGTATTCATCATAG 1800  
1801 ACTATCTTTATTTGACTTTGATGTCAGTCCCTGGTTTTTGTATTCATCATCATAG 1860  
1801 ACTATCTTTATTTGACTTTGATGTCAGTCCCTGGTTTTTGTATTCATCATCATAG 1860  
1861 GACCTCTGGCATTTAGAAATTAAGTGTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
1861 GACCTCTGGCATTTAGAAATTAAGTGTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
1921 TGTAAAGTGCCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATCATCTGT 1980  
1921 TGTAAAGTGCCTTCTGTTATAGATATGCAATATTTGCTTTTAAATATCATCATCTGT 1980  
1981 ATCTTCTCAGTCATTCTGAAATCTTTCCNCAATTTATTAATAATGGAANGTCAGTT 2040  
1981 ATCTTCTCAGTCATTCTGAAATCTTTCCNCAATTTATTAATAATGGAANGTCAGTT 2040  
2041 TATCTCCCTCCCTGTTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
2041 TATCTCCCTCCCTGTTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
2101 CATTTCTAGAAAAATAGAAAAAAGCAACAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
2101 CATTTCTAGAAAAATAGAAAAAAGCAACAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTGGCTTGGCTTAGCTGGGTCTT 2220

Db 2161 ACTTCTTGGAAAACTATGACATCAAGATAGACTTTTGGCTTGGCTTAGCTGGGTCTT 2220  
QY 2221 TCATAGCCCAACTTGTATATTATTTCTTTGTAATAATA 2260  
Db 2221 TCATAGCCCAACTTGTATATTATTTCTTTGTAATAATA 2260  
RESULT 19  
US-09-978-187B-118  
; Sequence 118, Application US/09978187B  
; Publication No. US20030096744A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary B.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C5  
; CURRENT APPLICATION NUMBER: US/09/978,187B  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/518585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910

1 PRIOR APPLICATION NUMBER: 60/078939  
2 PRIOR FILING DATE: 1998-03-20  
3 PRIOR APPLICATION NUMBER: 60/079294  
4 PRIOR FILING DATE: 1998-03-25  
5 PRIOR APPLICATION NUMBER: 60/079656  
6 PRIOR FILING DATE: 1998-03-26  
7 PRIOR APPLICATION NUMBER: 60/079664  
8 PRIOR FILING DATE: 1998-03-27  
9 PRIOR APPLICATION NUMBER: 60/079689  
10 PRIOR FILING DATE: 1998-03-27  
11 PRIOR APPLICATION NUMBER: 60/079663  
12 PRIOR FILING DATE: 1998-03-27  
13 PRIOR APPLICATION NUMBER: 60/079728  
14 PRIOR FILING DATE: 1998-03-27  
15 PRIOR APPLICATION NUMBER: 60/079786  
16 PRIOR FILING DATE: 1998-03-27  
17 PRIOR APPLICATION NUMBER: 60/079920  
18 PRIOR FILING DATE: 1998-03-30  
19 PRIOR APPLICATION NUMBER: 60/079923  
20 PRIOR FILING DATE: 1998-03-30  
21 PRIOR APPLICATION NUMBER: 60/080105  
22 PRIOR FILING DATE: 1998-03-31  
23 PRIOR APPLICATION NUMBER: 60/080107  
24 PRIOR FILING DATE: 1998-03-31  
25 PRIOR APPLICATION NUMBER: 60/080165  
26 PRIOR FILING DATE: 1998-03-31  
27 PRIOR APPLICATION NUMBER: 60/080194  
28 PRIOR FILING DATE: 1998-03-31  
29 PRIOR APPLICATION NUMBER: 60/080327  
30 PRIOR FILING DATE: 1998-04-01  
31 PRIOR APPLICATION NUMBER: 60/080328  
32 PRIOR FILING DATE: 1998-04-01  
33 PRIOR APPLICATION NUMBER: 60/080333  
34 PRIOR FILING DATE: 1998-04-01  
35 PRIOR APPLICATION NUMBER: 60/080334  
36 PRIOR FILING DATE: 1998-04-01  
37 PRIOR APPLICATION NUMBER: 60/081070  
38 PRIOR FILING DATE: 1998-04-08  
39 PRIOR APPLICATION NUMBER: 60/081049  
40 PRIOR FILING DATE: 1998-04-08  
41 PRIOR APPLICATION NUMBER: 60/081071  
42 PRIOR FILING DATE: 1998-04-08  
43 PRIOR APPLICATION NUMBER: 60/081195  
44 PRIOR FILING DATE: 1998-04-08  
45 PRIOR APPLICATION NUMBER: 60/081203  
46 PRIOR FILING DATE: 1998-04-09  
47 PRIOR APPLICATION NUMBER: 60/081229  
48 PRIOR FILING DATE: 1998-04-09  
49 PRIOR APPLICATION NUMBER: 60/081955  
50 PRIOR FILING DATE: 1998-04-15  
51 PRIOR APPLICATION NUMBER: 60/081817  
52 PRIOR FILING DATE: 1998-04-15  
53 PRIOR APPLICATION NUMBER: 60/081819  
54 PRIOR FILING DATE: 1998-04-15  
55 PRIOR APPLICATION NUMBER: 60/081952  
56 PRIOR FILING DATE: 1998-04-15  
57 PRIOR APPLICATION NUMBER: 60/081838  
58 PRIOR FILING DATE: 1998-04-15  
59 PRIOR APPLICATION NUMBER: 60/082568  
60 PRIOR FILING DATE: 1998-04-21  
61 PRIOR APPLICATION NUMBER: 60/082569  
62 PRIOR FILING DATE: 1998-04-21  
63 PRIOR APPLICATION NUMBER: 60/082704  
64 PRIOR FILING DATE: 1998-04-22  
65 PRIOR APPLICATION NUMBER: 60/082804  
66 PRIOR FILING DATE: 1998-04-22  
67 PRIOR APPLICATION NUMBER: 60/082700  
68 PRIOR FILING DATE: 1998-04-22  
69 PRIOR APPLICATION NUMBER: 60/082797  
70 PRIOR FILING DATE: 1998-04-22  
71 PRIOR APPLICATION NUMBER: 60/082796  
72 PRIOR FILING DATE: 1998-04-23  
73 PRIOR APPLICATION NUMBER: 60/083336

1 PRIOR FILING DATE: 1998-04-27  
2 PRIOR APPLICATION NUMBER: 60/083322  
3 PRIOR FILING DATE: 1998-04-28  
4 PRIOR APPLICATION NUMBER: 60/083392  
5 PRIOR FILING DATE: 1998-04-29  
6 PRIOR APPLICATION NUMBER: 60/083495  
7 PRIOR FILING DATE: 1998-04-29  
8 PRIOR APPLICATION NUMBER: 60/083496  
9 PRIOR FILING DATE: 1998-04-29  
10 PRIOR APPLICATION NUMBER: 60/083499  
11 PRIOR FILING DATE: 1998-04-29  
12 PRIOR APPLICATION NUMBER: 60/083545  
13 PRIOR FILING DATE: 1998-04-29  
14 PRIOR APPLICATION NUMBER: 60/083554  
15 PRIOR FILING DATE: 1998-04-29  
16 PRIOR APPLICATION NUMBER: 60/083558  
17 PRIOR FILING DATE: 1998-04-29  
18 PRIOR APPLICATION NUMBER: 60/083559  
19 PRIOR FILING DATE: 1998-04-29  
20 PRIOR APPLICATION NUMBER: 60/083500  
21 PRIOR FILING DATE: 1998-04-29  
22 PRIOR APPLICATION NUMBER: 60/083742  
23 PRIOR FILING DATE: 1998-04-30  
24 PRIOR APPLICATION NUMBER: 60/084366  
25 PRIOR FILING DATE: 1998-05-05  
26 PRIOR APPLICATION NUMBER: 60/084414  
27 PRIOR FILING DATE: 1998-05-06  
28 PRIOR APPLICATION NUMBER: 60/084441  
29 PRIOR FILING DATE: 1998-05-06  
30 PRIOR APPLICATION NUMBER: 60/084637  
31 PRIOR FILING DATE: 1998-05-07  
32 PRIOR APPLICATION NUMBER: 60/084639  
33 PRIOR FILING DATE: 1998-05-07  
34 PRIOR APPLICATION NUMBER: 60/084640  
35 PRIOR FILING DATE: 1998-05-07  
36 PRIOR APPLICATION NUMBER: 60/084598  
37 PRIOR FILING DATE: 1998-05-07  
38 PRIOR APPLICATION NUMBER: 60/084600  
39 PRIOR FILING DATE: 1998-05-07  
40 PRIOR APPLICATION NUMBER: 60/084627  
41 PRIOR FILING DATE: 1998-05-07  
42 PRIOR APPLICATION NUMBER: 60/084643  
43 PRIOR FILING DATE: 1998-05-07  
44 PRIOR APPLICATION NUMBER: 60/085339  
45 PRIOR FILING DATE: 1998-05-13  
46 PRIOR APPLICATION NUMBER: 60/085338  
47 PRIOR FILING DATE: 1998-05-13  
48 PRIOR APPLICATION NUMBER: 60/085323  
49 PRIOR FILING DATE: 1998-05-13  
50 PRIOR APPLICATION NUMBER: 60/085582  
51 PRIOR FILING DATE: 1998-05-15  
52 PRIOR APPLICATION NUMBER: 60/085700  
53 PRIOR FILING DATE: 1998-05-15  
54 PRIOR APPLICATION NUMBER: 60/085689  
55 PRIOR FILING DATE: 1998-05-15  
56 PRIOR APPLICATION NUMBER: 60/085579  
57 PRIOR FILING DATE: 1998-05-15  
58 PRIOR APPLICATION NUMBER: 60/085580  
59 PRIOR FILING DATE: 1998-05-15  
60 PRIOR APPLICATION NUMBER: 60/085573  
61 PRIOR FILING DATE: 1998-05-15  
62 PRIOR APPLICATION NUMBER: 60/085704  
63 PRIOR FILING DATE: 1998-05-15  
64 PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCGTGGCTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGAGGCGCG 60

DB 1 CGGACGCGTGGCTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGAGGCGCG 60

QY 61 GCCTAGCTGCTACGGGGTCCGGCCGCGCCCTCCGAGGGGGCTCAGAGAGAGAAAGGA 120  
DB 61 GCCTAGCTGCTACGGGGTCCGGCCGCGCCCTCCGAGGGGGCTCAGAGAGAGAAAGGA 120  
QY 121 GGACCCGTGGAGAAATGCTCTGCTGAGAGCTTGGCGTCCCGTGGCTGCTCTCTCTGGG 180  
DB 121 GGACCCGTGGAGAAATGCTCTGCTGAGAGCTTGGCGTCCCGTGGCTGCTCTCTCTGGG 180  
QY 181 TGGCAGGTGGTTTTCGGGAAACGGGGCCAGTGCAGAGCATCACGGGTGTTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTTTCGGGAAACGGGGCCAGTGCAGAGCATCACGGGTGTTAGCATCGGCAC 240  
QY 241 GTGAGCTGGGGTCTGTACTATGGAATTAACCTGAGCTGCTGCTACCGCTGGAGAGAA 300  
DB 241 GTGAGCTGGGGTCTGTACTATGGAATTAACCTGAGCTGCTGCTACCGCTGGAGAGAA 300  
QY 301 ACAGCAAGGAGTCTGTGAAGCTTACATGCGAACCTGGAGTTAAGTTTGGTGAAGTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGCTTACATGCGAACCTGGAGTTAAGTTTGGTGAAGTGG 360  
QY 361 GACCAACAAATGAGATGCTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGGA 420  
DB 361 GACCAACAAATGAGATGCTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGGA 420  
QY 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480  
DB 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480  
QY 481 ACAAGTGTTCCTTCCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
DB 481 ACAAGTGTTCCTTCCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
QY 541 GGCATGTGCGCATGATAAATCTGTCAGTACAGCTGTGAACACACAGAGAGGGCCACAGT 600  
DB 541 GGCATGTGCGCATGATAAATCTGTCAGTACAGCTGTGAACACACAGAGAGGGCCACAGT 600  
QY 601 GCCTGTTCATCCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGCTCAGATATTG 660  
DB 601 GCCTGTTCATCCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGCTCAGATATTG 660  
QY 661 ATGAGTGTGCTGTGAAGTCTATGCTCCCTACATGGAAGTGTGGAACACTTTG 720  
DB 661 ATGAGTGTGCTGTGAAGTCTATGCTCCCTACATGGAAGTGTGGAACACTTTG 720  
QY 721 GAAGCTACTACTGCAATGTCAATGGTTTGGTTCGAATGCAATATATCAGTGGACATG 780  
DB 721 GAAGCTACTACTGCAATGTCAATGGTTTGGTTCGAATGCAATATATCAGTGGACATG 780  
QY 781 ACTGTATAGATATAATGAATGTACTATGATAGCCATACGTGCGAGCCACCATGCCAAT 840  
DB 781 ACTGTATAGATATAATGAATGTACTATGATAGCCATACGTGCGAGCCACCATGCCAAT 840  
QY 841 GCTTCAATACCCAGGGTCCCTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900  
DB 841 GCTTCAATACCCAGGGTCCCTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC 900  
QY 901 TTCGGTGTCTGCTATCCCTGGAATTTCTGTGAAGAGTCTCAGAGCAGCCTGTGACCA 960  
DB 901 TTCGGTGTCTGCTATCCCTGGAATTTCTGTGAAGAGTCTCAGAGCAGCCTGTGACCA 960  
QY 961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGAAAAAGAGAGGCAAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAGTGTCTGCTCAAAAACAGCATGAAAAAGAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTA CCCCAGAACCCACAGGACTCTTACCCCTTAAGTGAATCTGACGCCCT 1080  
DB 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTTACCCCTTAAGTGAATCTGACGCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGCACTCTCATGAGGTGAAAAAGGGAATG 1140  
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGCACTCTCATGAGGTGAAAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTCGAAGATGA 1200

DB 1141 AAGAGAAATGAAGAGGGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTCGAAGATGA 1200  
QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260  
DB 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTGGCCCTGATCTGTGTCGAAAGAGCGCTAACTTCCAACTGGAACTAATAAGATTT 1320  
DB 1261 ATTGGCCCTGATCTGTGTCGAAAGAGCGCTAACTTCCAACTGGAACTAATAAGATTT 1320  
QY 1321 AAATATCTCGGTTGACTGACGCTCAATCATGGGATCTGTGACTGGAAACAGGATAGGA 1380  
DB 1321 AAATATCTCGGTTGACTGACGCTCAATCATGGGATCTGTGACTGGAAACAGGATAGGA 1380  
QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTTATGGCTTCTATATGGCAGT 1440  
DB 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTTATGGCTTCTATATGGCAGT 1440  
QY 1441 TCCGGCCCTTGGCAGGTCAAAAGAAAGCATTTGGCCGATTGAAACTTCTCTTACCTGACCT 1500  
DB 1441 TCCGGCCCTTGGCAGGTCAAAAGAAAGCATTTGGCCGATTGAAACTTCTCTTACCTGACCT 1500  
QY 1501 GCAACCCCAAAGCAACTTCTGTTTCTCTTGTATGACGGCTGGCCGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAAGCAACTTCTGTTTCTCTTGTATGACGGCTGGCCGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTCCCTGGCATGGGAGAGACACAG 1620  
DB 1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCTCCCTGGCATGGGAGAGACACAG 1620  
QY 1621 TGAGGATGAAAAAGTGGAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATGTACAA 1680  
DB 1621 TGAGGATGAAAAAGTGGAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATGTACAA 1680  
QY 1681 AAGCATCATTTTGAAGCAGACGTCGAGGCGAAACCGCGGAATCGCAGTGGATGG 1740  
DB 1681 AAGCATCATTTTGAAGCAGACGTCGAGGCGAAACCGCGGAATCGCAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCCCTTTTATCTGTGGATGCTGAATGTT 1800  
DB 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCCCTTTTATCTGTGGATGCTGAATGTT 1800  
QY 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATTCATAG 1860  
DB 1801 ACTATCTTTATATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGTATTTGATTCATAG 1860  
QY 1861 GACCTCTGCAATTTAGAAATTAAGTGAATAATGTAATGTAATGTAATGTAATGTAAT 1920  
DB 1861 GACCTCTGCAATTTAGAAATTAAGTGAATAATGTAATGTAATGTAATGTAATGTAAT 1920  
QY 1921 TGTAAAGATGCTTCTGTGTAAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGT 1980  
DB 1921 TGTAAAGATGCTTCTGTGTAAGATATGCCAATATTTGCTTTTAAATATCATATCATCTGT 1980  
QY 1981 ATCTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATNTGAAANGTCAGTT 2040  
DB 1981 ATCTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATNTGAAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100  
DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100  
QY 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAAAATGTTTAACTGTTTGACTCTTATGAT 2160  
DB 2101 CATTTCTAGAAATAGAAAAAAGCAGAGAAAAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGTCTT 2220  
DB 2161 ACTTCTTGAAGAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGGTCTT 2220  
QY 2221 TCATAGCCAACTGTGATATTTAAATCTTTTGTAAATAA 2260

Db 2221 TCATAGCCAAACTGTATATTAATTTCTTGTGTAATAATAA 2260

RESULT 20

JS-09-978-643A-118  
; Sequence 118, Application US/09978643A  
; Publication No. US20030104998A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC16  
; CURRENT APPLICATION NUMBER: US/09/978,643A  
; CURRENT FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 624  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 118  
; LENGTH: 2260  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
; OTHER INFORMATION: unknown base  
US-09-978-643A-118

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CGGACCGGTGGTGGAGTGGAGCGGAGGCCGAGCGGCTGAGGAGAGGAGGCGG 60  
Db 1 CGGACCGGTGGTGGAGTGGAGCGGAGGCCGAGCGGCTGAGGAGAGGAGGCGG 60  
Qy 61 GCTTAGCTGCTACGGGTCCGCGCGCGCGCTCCGCGGGGGGCTCAGGAGGAGGAGGA 120  
Db 61 GCTTAGCTGCTACGGGTCCGCGCGCGCGCTCCGCGGGGGGCTCAGGAGGAGGAGGA 120  
Qy 121 GGACCGGTGGAGAAATGCTCTGCGCTGGAGCCTTGGCGCTCCCGCTGCTCTCTCTGG 180  
Db 121 GGACCGGTGGAGAAATGCTCTGCGCTGGAGCCTTGGCGCTCCCGCTGCTCTCTCTGG 180  
Qy 181 TGGCAGGTGGTTTCGGGACCGCGCAGTGGCAGGCATCAGGCTTGTAGCATCGGCAC 240  
Db 181 TGGCAGGTGGTTTCGGGACCGCGCAGTGGCAGGCATCAGGCTTGTAGCATCGGCAC 240  
Qy 241 GTCAGCCTGGGGTCTGCTACTATGGAACCTAAACTGGCCTGCTGCTACGGCTGGAGAGAA 300

Db 241 GTCAGCCTGGGGTCTGCTACTATGGAACCTAAACTGGCCTGCTGCTACGGCTGGAGAGAA 300  
Qy 301 ACAGCAGGAGGAGTCTGTGAAGCTACATGCGAACCTCGATGTAAGTTTGGTGTAGTGGTGG 360  
Db 301 ACAGCAGGAGGAGTCTGTGAAGCTACATGCGAACCTCGATGTAAGTTTGGTGTAGTGGTGG 360  
Qy 361 GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGGAAACCTCGAGTCAAGATGTGA 420  
Db 361 GACCAAAACAAATCAGATGCTTTCCAGGATACACCGGGAAACCTCGAGTCAAGATGTGA 420  
Qy 421 ATGAGTGTGAATGMAACCCCGCCATGCCACACAGATGTGTGAATACACACGGAAGCT 480  
Db 421 ATGAGTGTGAATGMAACCCCGCCATGCCACACAGATGTGTGAATACACACGGAAGCT 480  
Qy 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCGCAGATGCTGCTGTGAATCTTA 540  
Db 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCATGCGCAGATGCTGCTGTGAATCTTA 540  
Qy 541 GGACATGTGCCATGATTAAGTGTGATGCTGCTGTAAGACACACAGAGAGGCGGCAAGT 600  
Db 541 GGACATGTGCCATGATTAAGTGTGATGCTGCTGTAAGACACACAGAGAGGCGGCAAGT 600  
Qy 601 GCCTGTGTCCATCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGCTCTAGATATTG 660  
Db 601 GCCTGTGTCCATCTCAGGACTCCGCTGGCCCCAAATGGAAGAGACTGCTCTAGATATTG 660  
Qy 661 ATGAATGTGCTCTGTGTAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720  
Db 661 ATGAATGTGCTCTGTGTAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720  
Qy 721 GAAGCTACTGCTCAAAATGTCAATTTGCTTTCGAACTGCAATATATATATATATATAT 780  
Db 721 GAAGCTACTGCTCAAAATGTCAATTTGCTTTCGAACTGCAATATATATATATATATAT 780  
Qy 781 ACTGTATAGATATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
Db 781 ACTGTATAGATATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
Qy 841 GCTTCAATACCCAGGCTTCCTTCAAGTGTAAATGCAAGCAGGATATTAAGGCAATGGAC 900  
Db 841 GCTTCAATACCCAGGCTTCCTTCAAGTGTAAATGCAAGCAGGATATTAAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGTGATCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGAGCACCTGTGATCA 960  
Qy 961 TCAGAGCAGAAATCAAGAGTGTCTGCTCACAACACAGATGAAAGGAGGAGGAGGAGG 1020  
Db 961 TCAGAGCAGAAATCAAGAGTGTCTGCTCACAACACAGATGAAAGGAGGAGGAGGAGG 1020  
Qy 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAACCTTCAGCCCT 1080  
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAACCTTCAGCCCT 1080  
Qy 1081 TCACATATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTGTAAGGAGGAGG 1140  
Db 1081 TCACATATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTGTAAGGAGGAGG 1140  
Qy 1141 TAGAGAAATGAAGAGGGGCTTGAAGGATGAGAAAGAGAGAGAGGAGGAGGAGGAGG 1200  
Db 1141 TAGAGAAATGAAGAGGGGCTTGAAGGATGAGAAAGAGAGAGAGGAGGAGGAGGAGG 1200  
Qy 1201 CATAGAGAGGAGGAGGCTGCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGG 1260  
Db 1201 CATAGAGAGGAGGAGGCTGCGAGGAGATGTGTTTTCCTTAAGGTGAATGAAGCAGG 1260  
Qy 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAGGAGGCTTAACCTTCCAAACTGGAAACAT 1320  
Db 1261 ATTTCGGCTGATTTCTGGTCCAAAGGAGGAGGCTTAACCTTCCAAACTGGAAACAT 1320  
Qy 1321 AAATATCTCGGTGTGCTGACGCTTCATGGAATGGAATGGAATGGAATGGAATGGAAT 1380

1321	AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA	1380
Db		
1381	AGATGATTTTGACTGGAACTCCTGCTGATCGAGATAATGCTATTGCTCTCTATATGCGAGT	1440
Qy		
1381	AGATGATTTTGACTGGAACTCCTGCTGATCGAGATAATGCTATTGCTCTCTATATGCGAGT	1440
Db		
1441	TCCGGCCTTGGCAGGTCAACAAGAAAGACATTGGCCGATGGAACCTTCTCCTACTGACCT	1500
Qy		
1441	TCCGGCCTTGGCAGGTCAACAAGAAAGACATTGGCCGATGGAACCTTCTCCTACTGACCT	1500
Db		
1501	GCACCCCAAGCAACTTCTGTTTGCTCTTTGATTACCGCTTGGCCGGAGACAAGAGTCGG	1560
Qy		
1501	GCACCCCAAGCAACTTCTGTTTGCTCTTTGATTACCGCTTGGCCGGAGACAAGAGTCGG	1560
Db		
1561	GAAACTTCGAGTGTGTGAAAAACAAGTAACAATGCCCTGGCATGGGGAAGACACAGAG	1620
Qy		
1561	GAAACTTCGAGTGTGTGAAAAACAAGTAACAATGCCCTGGCATGGGGAAGACACAGAG	1620
Db		
1621	TCAGATCAAAAGTGGGAAGACAGGGAATAATTCAAGTTGTATCAAGGAATCATGCTACCAA	1680
Qy		
1621	TCAGATCAAAAGTGGGAAGACAGGGAATAATTCAAGTTGTATCAAGGAATCATGCTACCAA	1680
Db		
1681	AAGCATCAATTTTGAAGCAGAAACGTGGCAAGGCAAAAACCGCGAAATTCGCAGTGGATGG	1740
Qy		
1681	AAGCATCAATTTTGAAGCAGAAACGTGGCAAGGCAAAAACCGCGAAATTCGCAGTGGATGG	1740
Db		
1741	CGCTCTTGCTTGTTCAGGCTTATCTCCAGATAGCCCTTTTATCTGTGGATGACTCAATGTT	1800
Qy		
1741	CGCTCTTGCTTGTTCAGGCTTATCTCCAGATAGCCCTTTTATCTGTGGATGACTCAATGTT	1800
Db		
1801	ACTATCTTTATATTGACTTTGTAATGTCAGTCCCTGGTTTTTTTTTGATTTGCAATCATAG	1860
Qy		
1801	ACTATCTTTATATTGACTTTGTAATGTCAGTCCCTGGTTTTTTTTTGATTTGCAATCATAG	1860
Db		
1861	GACCTTCGCATTTTGAATAATTACTAGCTGAAATAATTGTAATCTACCAACAGAAATATTAT	1920
Qy		
1861	GACCTTCGCATTTTGAATAATTACTAGCTGAAATAATTGTAATCTACCAACAGAAATATTAT	1920
Db		
1921	TGTAAGATGCCCTTCTTGATTAAGATATGCCAATATTGCTTTAAATATCATATCACTGT	1980
Qy		
1921	TGTAAGATGCCCTTCTTGATTAAGATATGCCAATATTGCTTTAAATATCATATCACTGT	1980
Db		
1981	ATCTTCTCAGTCAATCTTCGAAATCTTCCNCAATTTATATTATAAATNGGAANGTCAGTT	2040
Qy		
1981	ATCTTCTCAGTCAATCTTCGAAATCTTCCNCAATTTATATTATAAATNGGAANGTCAGTT	2040
Db		
2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCAAA	2100
Qy		
2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATNGCTTCTCTCAAA	2100
Db		
2101	CATTTCTAGAAAATAGAAAAAAGACACAGAAAATGTTTTAACTGTTTGACTCTTATGAT	2160
Qy		
2101	CATTTCTAGAAAATAGAAAAAAGACACAGAAAATGTTTTAACTGTTTGACTCTTATGAT	2160
Db		
2161	ACTTCTTGGAAACTATGATCAACAAGATAGACTTTTTGCCCTAAGTGGCTTAGCTGGGCTT	2220
Qy		
2161	ACTTCTTGGAAACTATGATCAACAAGATAGACTTTTTGCCCTAAGTGGCTTAGCTGGGCTT	2220
Db		
2221	TCATAGCCAAACTTGATATTTAAATCTTCTGTAATAATAA	2260
Qy		
2221	TCATAGCCAAACTTGATATTTAAATCTTCTGTAATAATAA	2260
Db		

RESULT 21

RESOLUTION 71  
US-978-375A-118  
; Sequence 118, Application US/09978375A  
; Publication No. US20030130181A1  
; GENERAL INFORMATION:  
; APPLICANT: Adhkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan

```

/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C24
/ CURRENT APPLICATION NUMBER: US/09/978,375A
/ CURRENT FILING DATE: 2002-04-19
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 118
/ LENGTH: 2260
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 2005, 2026, 2033, 2055, 2074, 2078, 2086
/ OTHER INFORMATION: unknown base
/ US-09-978-375A-118

```

Query Match 99.7%; Score 2253; DB 10; Length 2260;

Query Match	99.1%;	score 2233;
Best Local Similarity	100.0%;	Pred. No. 0;

		Besc. local similarity	Mismatches	Indels	Gaps
y	1	CGACCGCTGGGTGCGAGTGGAGCGGAGGCCCGCAGCGGCTGAGGAGAGAGAGAGCGCGCG	60		
b	1	CGACCGCTGGGTGCGAGTGGAGCGGAGGCCCGCAGCGGCTGAGGAGAGAGAGCGCGCG	60		
y	61	GCTTAGCTGTTACGCGGGTCGCGCCCGCGCGCCCTCCGAGGGGGGCTCACGAGAGAGAAAGA	120		
b	61	GCTTAGCTGTTACGCGGGTCGCGCCCGCGCGCCCTCCGAGGGGGGCTCACGAGAGAGAAAGA	120		
y	121	GGACCCGCTGGAGATGCCCCTCTGCCTCTGGAGCCTTGCGCTCCCGCTGCTGCTCTCTCTGGG	180		
b	121	GGACCCGCTGGAGATGCCCCTCTGCCTCTGGAGCCTTGCGCTCCCGCTGCTGCTCTCTCTGGG	180		
y	181	TGGCAGGTGGTTTTGGGAACGGCGCACTGCAAGGCATCACGGTGTGTTAGCATCGGCAC	240		
b	181	TGGCAGGTGGTTTTGGGAACGGCGCACTGCAAGGCATCACGGTGTGTTAGCATCGGCAC	240		
y	241	GTACGCTCGGGTCTGTCACTATGAACTAACTGGCTGCTGCTACTGCGCTGGAGAAGA	300		
b	241	GTACGCTCGGGTCTGTCACTATGAACTAACTGGCTGCTGCTACTGCGCTGGAGAAGA	300		
y	301	ACACGAAGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTGGTGAGTGGCTGG	360		
b	301	ACACGAAGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTGGTGAGTGGCTGG	360		
y	361	GACCAACAATCGCATGCTTTTCAGAGTACACCGGGAACCTCGCAGTCAAGATGTGA	420		
b	361	GACCAACAATCGCATGCTTTTCAGAGTACACCGGGAACCTCGCAGTCAAGATGTGA	420		
y	421	ATGAGTGTGGAATTGAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAGCT	480		



421 ATGAGTGTGGAATGAAGCCCGGCGCATGCCAACACACAGATGTGTGAATACACACGGAAGCT 480  
481 ACAGAGTGTGCTTGTGCTCAGTGGCCACATGCTCATGCCAGATGTGTGAGTGTGAGTCTTA 540  
481 ACAGAGTGTGCTTGTGCTCAGTGGCCACATGCTCATGCCAGATGTGTGAGTGTGAGTCTTA 540  
541 GGACATGTGCCATGATAAATGTCTCAGTACAGCTGTGTGAAGACACAGAAAGAGGCCACAGT 600  
541 GGACATGTGCCATGATAAATGTCTCAGTACAGCTGTGTGAAGACACAGAAAGAGGCCACAGT 600  
601 GCCTGTGTCCATCTCAGGACTCGCCCTGGCCCAATGGAAGAGCTGTCTAGATATTG 660  
601 GCCTGTGTCCATCTCAGGACTCGCCCTGGCCCAATGGAAGAGCTGTCTAGATATTG 660  
661 ATGAATGTGCCTCTGGTAAAGTCTATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTTG 720  
661 ATGAATGTGCCTCTGGTAAAGTCTATCTGCTCCCTACAAATCGAAGATGTGTGAACACATTTG 720  
721 GAAGCTACTCTGCAATGTGCATTTGGTTTCGAATCTGCAATATATCAGTGGACGATATG 780  
721 GAAGCTACTCTGCAATGTGCATTTGGTTTCGAATCTGCAATATATCAGTGGACGATATG 780  
781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTACATGCTCAGCCACCATGCCAATT 840  
781 ACTGTATAGATATAAATGAATGTACTATGATAGCCTACATGCTCAGCCACCATGCCAATT 840  
841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATCAAGCAGGGGATATAAAGGCCAATGGAC 900  
841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATCAAGCAGGGGATATAAAGGCCAATGGAC 900  
901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGAGTCTCAGAGCAGCTGTGTACCA 960  
901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGAGTCTCAGAGCAGCTGTGTACCA 960  
961 TCAAGACAGATCAAGAAAGTTGCTGTCTCAAAAACAGCATGAAAGAGGCAAAAA 1020  
961 TCAAGACAGATCAAGAAAGTTGCTGTCTCAAAAACAGCATGAAAGAGGCAAAAA 1020  
1021 TTAATAATGTACCCAGAACCCACAGAGTCTTACCCCTAAGTGTAACTTCGCGCCT 1080  
1021 TTAATAATGTACCCAGAACCCACAGAGTCTTACCCCTAAGTGTAACTTCGCGCCT 1080  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGGAGGTAAAGAGGGAATG 1140  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGGAGGTAAAGAGGGAATG 1140  
1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1141 AAGAGAAATGAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1201 CATAGAGGAGCGAGCTCGAGGAGATGTGTTTTCCTAAGGTGAATGAAGCAGGTGA 1260  
1201 CATAGAGGAGCGAGCTCGAGGAGATGTGTTTTCCTAAGGTGAATGAAGCAGGTGA 1260  
1261 ATTCGCGCTGATTCGTTGCTCAAGAAAGAGCGCTATCTCCAAACCTGGAACTAAAGATTT 1320  
1261 ATTCGCGCTGATTCGTTGCTCAAGAAAGAGCGCTATCTCCAAACCTGGAACTAAAGATTT 1320  
1321 AATATCTCGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAACAGAGATAGAGA 1380  
1321 AATATCTCGTTGATCGAGCTTCAATCATGGGATCTGTGACTGGAACAGAGATAGAGA 1380  
1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440  
1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440  
1441 TCCGCGCTTGGCAGGTCAAGAGAGATTTGGCGATTTGAACTTCTCCACCTGACCT 1500  
1441 TCCGCGCTTGGCAGGTCAAGAGAGATTTGGCGATTTGAACTTCTCCACCTGACCT 1500  
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATACCGCTGGCGGAGAGCAAGTGG 1560  
1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATACCGCTGGCGGAGAGCAAGTGG 1560

1561 GAAACTTCGAGTGTGTTGTGAAAAACAGTAACCAATGCCCTGGCATGGGAGAACACCGAG 1620  
1561 GAAACTTCGAGTGTGTTGTGAAAAACAGTAACCAATGCCCTGGCATGGGAGAACACCGAG 1620  
1621 TGAGGATGAAGTGAAGACGAGGGAATTCAGTGTGTATCAAGGAACCTGATGCTTACCAA 1680  
1621 TGAGGATGAAGTGAAGACGAGGGAATTCAGTGTGTATCAAGGAACCTGATGCTTACCAA 1680  
1681 AAGCATCATTTTTGAAGCAGAACGCTGCGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740  
1681 AAGCATCATTTTTGAAGCAGAACGCTGCGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740  
1741 CGTCTGCTGTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACGTGATGTT 1800  
1741 CGTCTGCTGTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACGTGATGTT 1800  
1801 ACTATCTTATATTTGACTTTGTATGTCTGCTCCCTGGTTTTTTTTCATATTTGCATCATAG 1860  
1801 ACTATCTTATATTTGACTTTGTATGTCTGCTCCCTGGTTTTTTTTCATATTTGCATCATAG 1860  
1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAATTTGTATGTACCAACAGAAATTTAT 1920  
1861 GACCTCTGGCAATTTAGAAATCTAGCTGAAATTTGTATGTACCAACAGAAATTTAT 1920  
1921 TGTAGATGCTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
1921 TGTAGATGCTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATATCACTGT 1980  
1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCAATTTATATATAAATTTGGAANGTCAGTT 2040  
1981 ATCTTCTCAGTCAATTTCTGAATCTTCCNCAATTTATATAAATTTGGAANGTCAGTT 2040  
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTCTCTCTACAA 2100  
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTCTCTCTACAA 2100  
2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGTACTTTATGAT 2160  
2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGTACTTTATGAT 2160  
2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220  
2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTT 2220  
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260  
2221 TCATAGCCAAACTTGTATATTTAATTTCTTTGTAATAATA 2260

RESULT 22  
US-09-978-298A-118  
; Sequence 118, Application US/09978298A  
; Publication No. US20030134785A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.



		PRIOR APPLICATION NUMBER: 60/084639			
		PRIOR FILING DATE: 1998-05-07			
		PRIOR APPLICATION NUMBER: 60/084640			
		PRIOR FILING DATE: 1998-05-07			
		PRIOR APPLICATION NUMBER: 60/084598			
		PRIOR FILING DATE: 1998-05-07			
		PRIOR APPLICATION NUMBER: 60/084600			
		PRIOR FILING DATE: 1998-05-07			
		PRIOR APPLICATION NUMBER: 60/084627			
		PRIOR FILING DATE: 1998-05-07			
		PRIOR APPLICATION NUMBER: 60/084643			
		PRIOR FILING DATE: 1998-05-07			
		PRIOR APPLICATION NUMBER: 60/085339			
		PRIOR FILING DATE: 1998-05-13			
		PRIOR APPLICATION NUMBER: 60/085338			
		PRIOR FILING DATE: 1998-05-13			
		PRIOR APPLICATION NUMBER: 60/085323			
		PRIOR FILING DATE: 1998-05-13			
		PRIOR APPLICATION NUMBER: 60/085582			
		PRIOR FILING DATE: 1998-05-15			
		PRIOR APPLICATION NUMBER: 60/085700			
		PRIOR FILING DATE: 1998-05-15			
		PRIOR APPLICATION NUMBER: 60/085689			
		PRIOR FILING DATE: 1998-05-15			
		PRIOR APPLICATION NUMBER: 60/085579			
		PRIOR FILING DATE: 1998-05-15			
		PRIOR APPLICATION NUMBER: 60/085580			
		PRIOR FILING DATE: 1998-05-15			
		PRIOR APPLICATION NUMBER: 60/085573			
		PRIOR FILING DATE: 1998-05-15			
		PRIOR APPLICATION NUMBER: 60/085704			
		PRIOR FILING DATE: 1998-05-15			
		PRIOR APPLICATION NUMBER: 60/085697			
		Query Match 99.7%; Score 2253; DB 10; Length 2260;			
		Best Local Similarity 100.0%; Pred. No. 0;			
		Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1	CGACGCTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGGAGGAGGAGGCGGCGG	60	541	GGACATGTGCCATGATAAACTGTCACTGACAGTGTGAGACACAGAGGAGGCGGCACAGT
DB	1	CGACGCTGGTGGAGTGGAGCGGAGGACCGGAGCGGCTGGAGGAGGAGGCGGCGG	60	541	GGACATGTGCCATGATAAACTGTCACTGACAGTGTGAGACACAGAGGAGGCGGCACAGT
QY	61	GCTTACCTGCTACGGGGTCCGGCGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA	120	601	GCCTGTGTCATCTCTCAGGACTCGGCTGGCCCCCAATGGAAGAGACTGTCTAGATATTG
DB	61	GCTTACCTGCTACGGGGTCCGGCGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA	120	601	GCCTGTGTCATCTCTCAGGACTCGGCTGGCCCCCAATGGAAGAGACTGTCTAGATATTG
QY	121	GGACCGTGGAGGATGCTCTGCGCTGGAGGCTTGGCGTCCCGTGGCTCTCTCTGGG	180	661	ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACCAATCGAAGATGTGTGAACACATTTG
DB	121	GGACCGTGGAGGATGCTCTGCGCTGGAGGCTTGGCGTCCCGTGGCTCTCTCTGGG	180	661	ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACCAATCGAAGATGTGTGAACACATTTG
QY	181	TGGCAGGTGGTTTCGGGAACGGCGGCGAGTGCAGGATCATCGGGTTGTAGCATCGGCAC	240	721	GAAGTGTGCTCTGGTAAAGTCACTGTCCCTACCAATCGAAGATGTGTGAACACATTTG
DB	181	TGGCAGGTGGTTTCGGGAACGGCGGCGAGTGCAGGATCATCGGGTTGTAGCATCGGCAC	240	721	GAAGTGTGCTCTGGTAAAGTCACTGTCCCTACCAATCGAAGATGTGTGAACACATTTG
QY	241	GTGAGCTGGGGTCTGTCTATGGAAGTAAAGTGGCGCTGCTACCGCTGGAGAGAA	300	781	GAAGTGTGCTCTGGTAAAGTCACTGTCCCTACCAATCGAAGATGTGTGAACACATTTG
DB	241	GTGAGCTGGGGTCTGTCTATGGAAGTAAAGTGGCGCTGCTACCGCTGGAGAGAA	300	781	GAAGTGTGCTCTGGTAAAGTCACTGTCCCTACCAATCGAAGATGTGTGAACACATTTG
QY	301	ACAGCAGGAGTCTGTGAAGTACATGCGAACCTGGAGTGAAGTTTGGTGAAGTGGT	360	841	ACTGTATAGATATAAATGAATGACTATGATAGATAGATAGATAGATAGATAGATAG
DB	301	ACAGCAGGAGTCTGTGAAGTACATGCGAACCTGGAGTGAAGTTTGGTGAAGTGGT	360	841	ACTGTATAGATATAAATGAATGACTATGATAGATAGATAGATAGATAGATAGATAG
QY	361	GACCAACAAATGCAATGCTTTCAGGATACACCGGAGAAACCTGCGATGAGATGGA	420	901	ACTGTATAGATATAAATGAATGACTATGATAGATAGATAGATAGATAGATAGATAG
DB	361	GACCAACAAATGCAATGCTTTCAGGATACACCGGAGAAACCTGCGATGAGATGGA	420	901	ACTGTATAGATATAAATGAATGACTATGATAGATAGATAGATAGATAGATAGATAG
QY	421	ATGAGTGTGGAATGAAACCCCGGCGATGCAACAGATGTGTGAATACACCGGAGCT	480	961	TCAAAGACAGAAATCAAGAAGTGTCTCTCAAAAAACAGCATGAAAAAGAGGCAAAA
DB	421	ATGAGTGTGGAATGAAACCCCGGCGATGCAACAGATGTGTGAATACACCGGAGCT	480	961	TCAAAGACAGAAATCAAGAAGTGTCTCTCAAAAAACAGCATGAAAAAGAGGCAAAA
QY	481	ACAAGTCTTTTGGCTCAGTGGCCACATGCTATGCCAGATGCTAGTGTGAACTCTA	540	1021	TTAAAAATGTTTACCCCGAGACCCACAGGAGTCTCTCCCTTAAGTGAACCTTCGAGCCCT
DB	481	ACAAGTCTTTTGGCTCAGTGGCCACATGCTATGCCAGATGCTAGTGTGAACTCTA	540	1021	TTAAAAATGTTTACCCCGAGACCCACAGGAGTCTCTCCCTTAAGTGAACCTTCGAGCCCT

1621 TGAGGATGAAGTGGACAGGAGGAAATTCAGTTGTATCAAGGAAGTCTGATCTACCAA 1680  
1621 TGAGGATGAAGTGGACAGGAGGAAATTCAGTTGTATCAAGGAAGTCTGATCTACCAA 1680  
1681 AAGCATCATTTTGAAGCAGAAACGTCGCAAGGCGGAAAAACCGCGGAAATTCGAGTGGATGG 1740  
1681 AAGCATCATTTTGAAGCAGAAACGTCGCAAGGCGGAAAAACCGCGGAAATTCGAGTGGATGG 1740  
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGATGATCAATGATTT 1800  
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGATGATCAATGATTT 1800  
1801 ACTATCTTTATATTTGACCTTTGATGTAGTCCCTGCTTTTGTGATTTGATTCATCATAG 1860  
1801 ACTATCTTTATATTTGACCTTTGATGTAGTCCCTGCTTTTGTGATTTGATTCATCATAG 1860  
1861 GACCTCTGCATTTAGAAATTAAGTACGCTGAAATTAATTAAGTACCAACAGAAATATAT 1920  
1861 GACCTCTGCATTTAGAAATTAAGTACGCTGAAATTAATTAAGTACCAACAGAAATATAT 1920  
1921 TGTAAGATGCCCTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
1921 TGTAAGATGCCCTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCNCAATATTAATAAATNTGGAANGTCACTT 2040  
1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCNCAATATTAATAAATNTGGAANGTCACTT 2040  
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTCTCTCTACAA 2100  
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTCTCTCTCTACAA 2100  
2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGAAGTCTTATGAT 2160  
2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTAACTGTTTGAAGTCTTATGAT 2160  
2161 ACTTCTGGAACATGACATCAAGATAGACTTTGCTTAAGTGGCTTAGCTGCTT 2220  
2161 ACTTCTGGAACATGACATCAAGATAGACTTTGCTTAAGTGGCTTAGCTGCTT 2220  
2221 TCATAGCAAACTGTATATTTAAATCTTTGTAATAATAA 2260  
2221 TCATAGCAAACTGTATATTTAAATCTTTGTAATAATAA 2260

RESULT 23  
US-09-978-188A-118  
; Sequence 118, Application US/09978188A  
; Publication No. US20030139328A1  
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Sheiton, David L.

; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C8  
; CURRENT APPLICATION NUMBER: US/09/978,188A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01

PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598

PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCGGCGCTGAGGAGAGAGCGGCG 60  
DB 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCGGCGCTGAGGAGAGAGCGGCG 60  
QY 61 GCTTAGCTGTACGGGTGGCGGCGGCGGCTCCGAGGGGGCTCAGGAGAGAGGA 120  
DB 61 GCTTAGCTGTACGGGTGGCGGCGGCGGCTCCGAGGGGGCTCAGGAGAGAGGA 120  
QY 121 GGACCCGTGCGAGAGTGCCTCTGCCCTGGAGGCTTGGCGTCCCGTGTCTCTCTGG 180  
DB 121 GGACCCGTGCGAGAGTGCCTCTGCCCTGGAGGCTTGGCGTCCCGTGTCTCTCTGG 180  
QY 181 TGGCAGTGTGTTTGGGAGCGGCGGCGAGTGCAGGCGATCACGGGTTGTAGCATGGCAC 240  
DB 181 TGGCAGTGTGTTTGGGAGCGGCGGCGAGTGCAGGCGATCACGGGTTGTAGCATGGCAC 240  
QY 241 GTACAGCTGGGGTCTGTCACTATGGAATGAACTGAGGCTTGGCGTCCCGTGTCTCTCTGG 300  
DB 241 GTACAGCTGGGGTCTGTCACTATGGAATGAACTGAGGCTTGGCGTCCCGTGTCTCTCTGG 300  
QY 301 ACAGCAAGGAGTGTGTGAAGCTACATGCGAACCTGGATGTAAAGTTGGTGTAGTGGTGG 360  
DB 301 ACAGCAAGGAGTGTGTGAAGCTACATGCGAACCTGGATGTAAAGTTGGTGTAGTGGTGG 360  
QY 361 GACCAAACTGAGATGAGTGTGTTCCAGGATACACCGGGGAACTGAGTCAAGATGTCA 420  
DB 361 GACCAAACTGAGATGAGTGTGTTCCAGGATACACCGGGGAACTGAGTCAAGATGTCA 420  
QY 421 ATGAGTGTGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAGCT 480  
DB 421 ATGAGTGTGAATGAAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGGAGCT 480  
QY 481 ACAAGTGTGTTTGGCTCAGTGGGCGCATGCTCATGCGAGATGCTAGTGTGTGAATCTTA 540  
DB 481 ACAAGTGTGTTTGGCTCAGTGGGCGCATGCTCATGCGAGATGCTAGTGTGTGAATCTTA 540  
QY 541 GGACATGTGCCATGATAAAGTGTGAGTGTGAGAGACAGAGAGAGGGGCGACAGT 600  
DB 541 GGACATGTGCCATGATAAAGTGTGAGTGTGAGAGACAGAGAGAGGGGCGACAGT 600

601 GCTGTGTCATCTCAGAGCTCCGCTGCGCCCAAAATGGAAGAGACTGTCTAGATATTG 660  
601 GCTGTGTCATCTCAGAGCTCCGCTGCGCCCAAAATGGAAGAGACTGTCTAGATATTG 660  
661 ATGAATGTGCTCTGTGTAAGTCACTGTGCTCAATCAATCGAAGATGTGTGAACAATTG 720  
661 ATGAATGTGCTCTGTGTAAGTCACTGTGCTCAATCAATCGAAGATGTGTGAACAATTG 720  
721 GAAGCTACTACTGCAATGTCAATGTTTTCGAATGCAATATATAGTGCAGATATG 780  
721 GAAGCTACTACTGCAATGTCAATGTTTTCGAATGCAATATATAGTGCAGATATG 780  
781 ACTGTATAGATATAAATGAATGATCTATGATGATGATGATGATGATGATGATGAT 840  
781 ACTGTATAGATATAAATGAATGATCTATGATGATGATGATGATGATGATGATGAT 840  
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATTAAGGCAATGAC 900  
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATTAAGGCAATGAC 900  
901 TTGGGTGTTCTGCTATCCCTGAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGATCA 960  
901 TTGGGTGTTCTGCTATCCCTGAAAATTTCTGTAAGGAAGTCTCTCAGAGCACCTGATCA 960  
961 TCAAGACAGAAATCAAGAGTCTGCTGCTCAAAAACAGCAATGAAAGAGGCAAAA 1020  
961 TCAAGACAGAAATCAAGAGTCTGCTGCTCAAAAACAGCAATGAAAGAGGCAAAA 1020  
1021 TTAAGATGTTTACCCAGAACCCACAGAGACTCTTACCCCTAAGGTGAATCTTGACGCCCT 1080  
1021 TTAAGATGTTTACCCAGAACCCACAGAGACTCTTACCCCTAAGGTGAATCTTGACGCCCT 1080  
1081 TCAACTATGAAGAGATAGTTTTCAGAGCGGGAACTCTCATGAGGTAAAGAGGAAATG 1140  
1081 TCAACTATGAAGAGATAGTTTTCAGAGCGGGAACTCTCATGAGGTAAAGAGGAAATG 1140  
1141 AAGAGAAATGAAGAGGGCTTCAGAGTGAAGAAAGAGAGAAAGCCCTCAAGAAATGA 1200  
1141 AAGAGAAATGAAGAGGGCTTCAGAGTGAAGAAAGAGAGAAAGCCCTCAAGAAATGA 1200  
1201 CATAGAGAGGAAGCTGCGAGAGATGTTGTTTTCCTTAAGGTGAATGAAAGAGGTGA 1260  
1201 CATAGAGAGGAAGCTGCGAGAGATGTTGTTTTCCTTAAGGTGAATGAAAGAGGTGA 1260  
1261 ATTGGGCTGATCTGCTGCAAGAGAGGCTTAATCTTCAAACTGGAACATAAAGATT 1320  
1261 ATTGGGCTGATCTGCTGCAAGAGAGGCTTAATCTTCAAACTGGAACATAAAGATT 1320  
1321 AAATATCTCGTTGACTGCACTCAATCATGAGATCTGATGATGATGATGATGATGATGAT 1380  
1321 AAATATCTCGTTGACTGCACTCAATCATGAGATCTGATGATGATGATGATGATGATGAT 1380  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATTGCTTTTATATGAGCT 1440  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTATTGCTTTTATATGAGCT 1440  
1441 TCCGGCTTGGCAGGTCAAGAAAGACATGCGGATGAAACTTCTCTACCTGACCT 1500  
1441 TCCGGCTTGGCAGGTCAAGAAAGACATGCGGATGAAACTTCTCTACCTGACCT 1500  
1501 GCAACCCCAAGCACTTCTGCTTGTGATACCGGCTGCGGAGACAAAGTCGG 1560  
1501 GCAACCCCAAGCACTTCTGCTTGTGATACCGGCTGCGGAGACAAAGTCGG 1560  
1561 GAACTTCCAGTGTGTTGTAAGAAACAGTAACATGCTGCGATGGAGAGACCAAGAG 1620  
1561 GAACTTCCAGTGTGTTGTAAGAAACAGTAACATGCTGCGATGGAGAGACCAAGAG 1620  
1621 TGAGATGAAGTGAAGAGAGAGGAAATTCATGTTTATCAGGAGACTGATCTACCAA 1680  
1621 TGAGATGAAGTGAAGAGAGAGGAAATTCATGTTTATCAGGAGACTGATCTACCAA 1680  
1681 AAGCATCATTTTTTGAAGCAGAAACGTTGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740

1681 AAGCATCATTTTTTGAAGCAGAAACGTTGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740  
1741 GCTGCTGCTGCTTCAAGCTTATGTCAGATAGCTTTTATCTGTGTGATGACTGAAATGTT 1800  
1741 GCTGCTGCTGCTTCAAGCTTATGTCAGATAGCTTTTATCTGTGTGATGACTGAAATGTT 1800  
1801 ACTATCTTTATATTTGACTTTTGTATGTCAGTTCCTGTTTGTGATATATGATCATATG 1860  
1801 ACTATCTTTATATTTGACTTTTGTATGTCAGTTCCTGTTTGTGATATATGATCATATG 1860  
1861 GACCTCTGCAATTTAGAAATTAAGTCTGAAATGTAATGTAATGTAATGTAATGTAATGTAAT 1920  
1861 GACCTCTGCAATTTAGAAATTAAGTCTGAAATGTAATGTAATGTAATGTAATGTAATGTAAT 1920  
1921 TGTAAAGATGCTTCTTGTATAAGATATGCAATATTTGCTTTAAATATATATATATATAT 1980  
1921 TGTAAAGATGCTTCTTGTATAAGATATGCAATATTTGCTTTAAATATATATATATATAT 1980  
1981 ATCTTCTCAGTCAATTTCTGAATCTTCCGATATATATATATATATATATATATATATAT 2040  
1981 ATCTTCTCAGTCAATTTCTGAATCTTCCGATATATATATATATATATATATATATATAT 2040  
2041 TATCTCCCTCTCTGATATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100  
2041 TATCTCCCTCTCTGATATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100  
2101 CATTTCTAGAAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
2101 CATTTCTAGAAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
2161 ACTTCTTGAATACTGATCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
2161 ACTTCTTGAATACTGATCATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
2221 TCATAGCCAAACTGTGATTAATTTCTTTGTAATAATAA 2260  
2221 TCATAGCCAAACTGTGATTAATTTCTTTGTAATAATAA 2260

## RESULT 24

US-09-978-681A-118  
; Sequence 118, Application US/09978681A  
; Publication No. US20030195148A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gottlieb, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Hillan, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic



1	TITLE OF INVENTION: Acids Encoding the Same
2	FILE REFERENCE: F2630PC18
3	CURRENT APPLICATION NUMBER: US/09/978,681A
4	CURRENT FILING DATE: 2002-03-19
5	PRIOR APPLICATION NUMBER: 09/918585
6	PRIOR FILING DATE: 2001-07-30
7	PRIOR APPLICATION NUMBER: 60/062250
8	PRIOR FILING DATE: 1997-10-17
9	PRIOR APPLICATION NUMBER: 60/064249
10	PRIOR FILING DATE: 1997-11-03
11	PRIOR APPLICATION NUMBER: 60/065311
12	PRIOR FILING DATE: 1997-11-13
13	PRIOR APPLICATION NUMBER: 60/066364
14	PRIOR FILING DATE: 1997-11-21
15	PRIOR APPLICATION NUMBER: 60/077450
16	PRIOR FILING DATE: 1998-03-10
17	PRIOR APPLICATION NUMBER: 60/077632
18	PRIOR FILING DATE: 1998-03-11
19	PRIOR APPLICATION NUMBER: 60/077641
20	PRIOR FILING DATE: 1998-03-11
21	PRIOR APPLICATION NUMBER: 60/077649
22	PRIOR FILING DATE: 1998-03-11
23	PRIOR APPLICATION NUMBER: 60/077791
24	PRIOR FILING DATE: 1998-03-12
25	PRIOR APPLICATION NUMBER: 60/078004
26	PRIOR FILING DATE: 1998-03-13
27	PRIOR APPLICATION NUMBER: 60/078886
28	PRIOR FILING DATE: 1998-03-20
29	PRIOR APPLICATION NUMBER: 60/078936
30	PRIOR FILING DATE: 1998-03-20
31	PRIOR APPLICATION NUMBER: 60/078910
32	PRIOR FILING DATE: 1998-03-20
33	PRIOR APPLICATION NUMBER: 60/078939
34	PRIOR FILING DATE: 1998-03-20
35	PRIOR APPLICATION NUMBER: 60/079294
36	PRIOR FILING DATE: 1998-03-25
37	PRIOR APPLICATION NUMBER: 60/079656
38	PRIOR FILING DATE: 1998-03-26
39	PRIOR APPLICATION NUMBER: 60/079664
40	PRIOR FILING DATE: 1998-03-27
41	PRIOR APPLICATION NUMBER: 60/079689
42	PRIOR FILING DATE: 1998-03-27
43	PRIOR APPLICATION NUMBER: 60/079663
44	PRIOR FILING DATE: 1998-03-27
45	PRIOR APPLICATION NUMBER: 60/079728
46	PRIOR FILING DATE: 1998-03-27
47	PRIOR APPLICATION NUMBER: 60/079786
48	PRIOR FILING DATE: 1998-03-27
49	PRIOR APPLICATION NUMBER: 60/079920
50	PRIOR FILING DATE: 1998-03-30
51	PRIOR APPLICATION NUMBER: 60/079923
52	PRIOR FILING DATE: 1998-03-30
53	PRIOR APPLICATION NUMBER: 60/080105
54	PRIOR FILING DATE: 1998-03-31
55	PRIOR APPLICATION NUMBER: 60/080107
56	PRIOR FILING DATE: 1998-03-31
57	PRIOR APPLICATION NUMBER: 60/080165
58	PRIOR FILING DATE: 1998-03-31
59	PRIOR APPLICATION NUMBER: 60/080194
60	PRIOR FILING DATE: 1998-03-31
61	PRIOR APPLICATION NUMBER: 60/080327
62	PRIOR FILING DATE: 1998-04-01
63	PRIOR APPLICATION NUMBER: 60/080328
64	PRIOR FILING DATE: 1998-04-01
65	PRIOR APPLICATION NUMBER: 60/080333
66	PRIOR FILING DATE: 1998-04-01
67	PRIOR APPLICATION NUMBER: 60/080334
68	PRIOR FILING DATE: 1998-04-01
69	PRIOR APPLICATION NUMBER: 60/081070
70	PRIOR FILING DATE: 1998-04-08
71	PRIOR APPLICATION NUMBER: 60/081049
72	PRIOR FILING DATE: 1998-04-08
73	PRIOR APPLICATION NUMBER: 60/081071

PRIOR APPLICATION NUMBER: 60/084643									
PRIOR FILING DATE: 1998-05-07									
PRIOR APPLICATION NUMBER: 60/085339									
PRIOR FILING DATE: 1998-05-13									
PRIOR APPLICATION NUMBER: 60/085338									
PRIOR FILING DATE: 1998-05-13									
PRIOR APPLICATION NUMBER: 60/085323									
PRIOR FILING DATE: 1998-05-13									
PRIOR APPLICATION NUMBER: 60/085582									
PRIOR FILING DATE: 1998-05-15									
PRIOR APPLICATION NUMBER: 60/085700									
PRIOR FILING DATE: 1998-05-15									
PRIOR APPLICATION NUMBER: 60/085689									
PRIOR FILING DATE: 1998-05-15									
PRIOR APPLICATION NUMBER: 60/085579									
PRIOR FILING DATE: 1998-05-15									
PRIOR APPLICATION NUMBER: 60/085580									
PRIOR FILING DATE: 1998-05-15									
PRIOR APPLICATION NUMBER: 60/085573									
PRIOR FILING DATE: 1998-05-15									
PRIOR APPLICATION NUMBER: 60/085704									
PRIOR FILING DATE: 1998-05-15									
PRIOR APPLICATION NUMBER: 60/085697									
Query Match 99.7%; Score 2253; DB 10; Length 2260;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	CGGACGCGTGGTGGAGTGGAGCGGAGACCCGAGCGGCTGAGAGAGAGAGCGCGG	60						
DB	1	CGGACGCGTGGTGGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGCGCGCG	60						
QY	61	GCCTAGCTGTACGGGTCCGGCCGCGCCCTCCCGAGGGGGCTCAGAGGAGAGGAA	120						
DB	61	GCCTAGCTGTACGGGTCCGGCCGCGCCCTCCCGAGGGGGCTCAGAGGAGAGGAA	120						
QY	121	GGACCCGTGCGAGAATGCTCTGCTGAGAGCTTGCCTCCCGTGTGCTCTCTCTGG	180						
DB	121	GGACCCGTGCGAGAATGCTCTGCTGAGAGCTTGCCTCCCGTGTGCTCTCTCTGG	180						
QY	181	TGGCAGTGTGTTTGGGAGCGGCGCAGTGCAGGATCCACGGTGTGTAGCATCGGCAC	240						
DB	181	TGGCAGTGTGTTTGGGAGCGGCGCAGTGCAGGATCCACGGTGTGTAGCATCGGCAC	240						
QY	241	GTGAGCTGGGGTCTGTCTACTATGGAATAAACTGGCCCTGCTGCTACGCGCTGGAGAA	300						
DB	241	GTGAGCTGGGGTCTGTCTACTATGGAATAAACTGGCCCTGCTGCTACGCGCTGGAGAA	300						
QY	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAACTTGTGAGTGGCTGG	360						
DB	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAACTTGTGAGTGGCTGG	360						
QY	361	GACCAACAAATGAGATGCTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA	420						
DB	361	GACCAACAAATGAGATGCTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA	420						
QY	421	ATGAGTGGAAATGAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGAAGCT	480						
DB	421	ATGAGTGGAAATGAACCCCGGCGCATGCCAACACAGATGTGTGAATACACCGAAGCT	480						
QY	481	ACAAAGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGTGAATCTTA	540						
DB	481	ACAAAGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGTGAATCTTA	540						
QY	541	GGAATGTGCGCATGATTAATCTGTAGTACAGCTGTGTGAAGACACAGAAAGGCGGCACAGT	600						
DB	541	GGAATGTGCGCATGATTAATCTGTAGTACAGCTGTGTGAAGACACAGAAAGGCGGCACAGT	600						
QY	601	GCCTGTGTCATCTCAGGACTCCGCTGCGCCCAATGAGGAGACTGTCTAGATATTG	660						
DB	601	GCCTGTGTCATCTCAGGACTCCGCTGCGCCCAATGAGGAGACTGTCTAGATATTG	660						
QY	661	ATGAATGTGCTCTGGTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGTGAACACATTTG	720						
DB	661	ATGAATGTGCTCTGGTAAAGTCACTGTCTCCCTACAAATCGAAGATGTGTGAACACATTTG	720						
QY	721	GAAGCTACTACTGCAAAATGTCAAACTGTTTGGAACTGCAATATATCAGTGGACGATATG	780						
DB	721	GAAGCTACTACTGCAAAATGTCAAACTGTTTGGAACTGCAATATATCAGTGGACGATATG	780						
QY	781	ACTGTATAGATATAAATGAATGTACTATGGATACCCATACGTGCGACCAATGCCAATT	840						
DB	781	ACTGTATAGATATAAATGAATGTACTATGGATACCCATACGTGCGACCAATGCCAATT	840						
QY	841	GCCTCAATACCCAGGGTCCCTCAAGTGTAAATCAAGCAGGAGATATAAAGGCAATGGAC	900						
DB	841	GCCTCAATACCCAGGGTCCCTCAAGTGTAAATCAAGCAGGAGATATAAAGGCAATGGAC	900						
QY	901	TTCCGTGTCTGCTATCCCTGAAATCTGTGGAAGAGTCTCTCAGAGCACCTGTGTACCA	960						
DB	901	TTCCGTGTCTGCTATCCCTGAAATCTGTGGAAGAGTCTCTCAGAGCACCTGTGTACCA	960						
QY	961	TCAAGACAGATCAAGAGTGTCTTCTCACAACACATGAAAAGAGAGGCAAAA	1020						
DB	961	TCAAGACAGATCAAGAGTGTCTTCTCACAACACATGAAAAGAGAGGCAAAA	1020						
QY	1021	TTAAAAATGTTTACCCCGAGAACCCACAGGACTCTCTACCCCTTAAGGTGAATCTTGAGCCCT	1080						
DB	1021	TTAAAAATGTTTACCCCGAGAACCCACAGGACTCTCTACCCCTTAAGGTGAATCTTGAGCCCT	1080						
QY	1081	TCAACTATGAAGAGATAGTTCAGAGGCGGGAATCTCATGGAGGTAAAGAGGGAATG	1140						
DB	1081	TCAACTATGAAGAGATAGTTCAGAGGCGGGAATCTCATGGAGGTAAAGAGGGAATG	1140						
QY	1141	AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAAGATGA	1200						
DB	1141	AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAAGATGA	1200						
QY	1201	CATAGAGGCGAAGCCCTCGAGGAGATGTGTTCCTTAAGGTGAATGAGCAGGTGA	1260						
DB	1201	CATAGAGGCGAAGCCCTCGAGGAGATGTGTTCCTTAAGGTGAATGAGCAGGTGA	1260						
QY	1261	ATTCCGCTGTATCTTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTT	1320						
DB	1261	ATTCCGCTGTATCTTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTT	1320						
QY	1321	AAATATCTCGGTGATCTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGGA	1380						
DB	1321	AAATATCTCGGTGATCTGAGCTTCAATCATGGGATCTGTGACTGGAACAGGATAGGA	1380						
QY	1381	AGATGATTTTGAATGGAATCTTGTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT	1440						
DB	1381	AGATGATTTTGAATGGAATCTTGTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT	1440						
QY	1441	TCGGGCTTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT	1500						
DB	1441	TCGGGCTTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT	1500						
QY	1501	GCAACCCCAAGCACTTCTGTTTCTTGTATTCGGCTGGCCGAGACAAAGTCGG	1560						
DB	1501	GCAACCCCAAGCACTTCTGTTTCTTGTATTCGGCTGGCCGAGACAAAGTCGG	1560						
QY	1561	GAAACTTCGAGTGTGTGAAAAAAGCAGTAAACAAATGCCCTGGCATGGGAGAGACCAAG	1620						
DB	1561	GAAACTTCGAGTGTGTGAAAAAAGCAGTAAACAAATGCCCTGGCATGGGAGAGACCAAG	1620						
QY	1621	TGAGGATGAAAGTGAACAGGGAATTCAGTGTGATCAAGGAACTGATGCTACCAA	1680						
DB	1621	TGAGGATGAAAGTGAACAGGGAATTCAGTGTGATCAAGGAACTGATGCTACCAA	1680						
QY	1681	AAGCATCATTTTGAAGCAGAAACGTGGCAAGGCAAAAACCGGCGAAATCGCAGTGGATGG	1740						
DB	1681	AAGCATCATTTTGAAGCAGAAACGTGGCAAGGCAAAAACCGGCGAAATCGCAGTGGATGG	1740						
QY	1741	CGCTTGTGCTTGTGAGGCTTATGCCAGATAGCTTTTATCTGTGGATGACTGATGTT	1800						

Db 1741 CGTCTTGCTGTTGTTTCCAGGCTTATGTCCAGATAGCCTTTTATCTGTGATGACTGAATGTT 1800  
Qy 1801 ACTATCTTTATATTGACTTTGTATGTCAGTCCCTGGTTTTTTTGTATATTGTCATCATAG 1860  
Db 1801 ACTATCTTTATATTGACTTTGTATGTCAGTCCCTGGTTTTTTTGTATATTGTCATCATAG 1860  
Qy 1861 GACCTCTGGCAATTTTGTAGAAATTTAGTGTGAAATTTGTAAATGTCACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGCAATTTTGTAGAAATTTAGTGTGAAATTTGTAAATGTCACCAACAGAAATATTAT 1920  
Qy 1921 TGTAGATGCTCTTCTCTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAGATGCTCTTCTCTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCATTTATATATAAAATNTGGAATGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCATTTATATATAAAATNTGGAATGTCAGTT 2040  
Qy 2041 TATCTCCCTCTCTGTTATATCTGATTTGTATANGTATGATGCTTCTCTCTACAA 2100  
Db 2041 TATCTCCCTCTCTGTTATATCTGATTTGTATANGTATGATGCTTCTCTCTACAA 2100  
Qy 2101 CATTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTCTAGAAATAGAAAAAGACACAGAGAAATGTTAACTGTTTGACTCTTATGAT 2160  
Qy 2161 ACTTCTGAAACTATGATCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCT 2220  
Db 2161 ACTTCTGAAACTATGATCAATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCCT 2220  
Qy 2221 TCATAGCCAACTCTATATTTAATTTCTTCTATATATAA 2260  
Db 2221 TCATAGCCAACTCTATATTTAATTTCTTCTTGTATATATAA 2260

RESULT 25

US-09-978-194A-118  
; Sequence 118, Application US/09978194A  
; Publication No. US2003019533A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C10  
; CURRENT APPLICATION NUMBER: US/09/978,194A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09



Db 721 GAAGCTACTACTGCAATGTCCATTTGGTTTCGAACTGCAATATATACAGTGGACGATATG 780  
Qy 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGCTGACGCCACCATGCCAAT 840  
Db 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGCTGACGCCACCATGCCAAT 840  
Qy 841 GCTTCAATPACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900  
Db 841 GCTTCAATPACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCCAGAGCAGCTGTATACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCCAGAGCAGCTGTATACCA 960  
Qy 961 TCAAGACAGAGATCAAGAGTGTCTGTCTCAAAAAACAGCATGAAAGAGGCAAAAA 1020  
Db 961 TCAAGACAGAGATCAAGAGTGTCTGTCTCAAAAAACAGCATGAAAGAGGCAAAAA 1020  
Qy 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACTTTCAGGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGGTGAACTTTCAGGCCCT 1080  
Qy 1081 TCAATCTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140  
Db 1081 TCAATCTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAAAGCCCTGAGATGA 1200  
Qy 1201 CATAGAGGAGGAGCCCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGTGA 1260  
Db 1201 CATAGAGGAGGAGCCCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGTGA 1260  
Qy 1261 ATTGCGCTGATTTGTTGCCAAAGGAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320  
Db 1261 ATTGCGCTGATTTGTTGCCAAAGGAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT 1320  
Qy 1321 AAATATCTCGTTGATCTGAGTCAATCATGCGGATCTGTGACCTGGAACAGAGTACAGA 1380  
Db 1321 AAATATCTCGTTGATCTGAGTCAATCATGCGGATCTGTGACCTGGAACAGAGTACAGA 1380  
Qy 1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATAGCTATTTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTTGAATGGAATCTGCTGATCGAGATAGCTATTTGGCTTCTATATGGCAGT 1440  
Qy 1441 TCGGCGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACCTTCTCTACCTGACCT 1500  
Db 1441 TCGGCGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAACCTTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTTACCGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTTACCGGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAAACTTCAGTGTGTAAGAAACAGTACAACTGCTGCTGCGATGGGAGAGACACGAG 1620  
Db 1561 GAAACTTCAGTGTGTAAGAAACAGTACAACTGCTGCTGCGATGGGAGAGACACGAG 1620  
Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680  
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680  
Qy 1681 AAGATCATTTTGAAGCAGAGCTGGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740  
Db 1681 AAGATCATTTTGAAGCAGAGCTGGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
Db 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
Qy 1801 ACTATCTTTATTTGACTTTGATCTCAGTTCCCTGGTTTTTTTGAATTCATGATCATAG 1860  
Db 1801 ACTATCTTTATTTGACTTTGATCTCAGTTCCCTGGTTTTTTTGAATTCATGATCATAG 1860

RESULT 26

US-09-999-829A-118  
; Sequence 118, Application US/09999829A  
; Publication No. US20030195344A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC61  
; CURRENT APPLICATION NUMBER: US/09/999,829A  
; CURRENT FILING DATE: 2002-03-19  
; NUMBER OF SEQ ID NOS: 624  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 118  
; LENGTH: 2260  
; TYPE: DNA  
; ORGANISM: Homo sapiens

FEATURE:									
; NAME/KEY: unsure									
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086									
; OTHER INFORMATION: unknown base									
US-09-999-829A-118									
Query Match 99.7%; Score 2253; DB 10; Length 2260;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	CGGACCGTGGGTGGAGTGGAGCGGAGCGGAGCCGAGCGGCTGAGGAGAGAGAGCGCGG	60						
DB	1	CGGACCGTGGGTGGAGTGGAGCGGAGCGGAGCGGAGCGGCTGAGGAGAGAGAGCGCGG	60						
QY	61	GCTTAGCTCTACGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGAGAGAGAGGA	120						
DB	61	GCTTAGCTCTACGGGTCCGCGCGCGCCCTCCGAGGGGGGCTCAGGAGAGAGAGGA	120						
QY	121	GGACCGTGGAGATGCCCTCTGCTGCTGAGGCTTGGCTCCCGCTGCTCTCTCTGGG	180						
DB	121	GGACCGTGGAGATGCCCTCTGCTGCTGAGGCTTGGCTCCCGCTGCTCTCTCTGGG	180						
QY	181	TGGCAGGTGGTTTCGGGAACCGCGGCGAGTGCAGGATCAGGGTGTAGCATCGGCAC	240						
DB	181	TGGCAGGTGGTTTCGGGAACCGCGGCGAGTGCAGGATCAGGGTGTAGCATCGGCAC	240						
QY	241	GTGAGCTGGGTCTGTCACTATGGAATTAACCTGACCTGCTGCTGCTGCTGCTGCTG	300						
DB	241	GTGAGCTGGGTCTGTCACTATGGAATTAACCTGACCTGCTGCTGCTGCTGCTGCTG	300						
QY	301	ACAGCAGGAGTCTGTGAAGCTTACATGCGAACCTGGATGTAAAGTTGGTGAAGTGG	360						
DB	301	ACAGCAGGAGTCTGTGAAGCTTACATGCGAACCTGGATGTAAAGTTGGTGAAGTGG	360						
QY	361	GACCAACCAATCCAGATGCTTCCAGGATACACCGGGAACCTGCAGTCAAGATGGA	420						
DB	361	GACCAACCAATCCAGATGCTTCCAGGATACACCGGGAACCTGCAGTCAAGATGGA	420						
QY	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACCGGA	480						
DB	421	ATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACCGGA	480						
QY	481	ACAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGCTGCTGCTG	540						
DB	481	ACAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGCTGCTGCTG	540						
QY	541	GGACATGTCATGATATACTGTGAGTACAGTGTGAGACACAGAGAGGGCCACAGT	600						
DB	541	GGACATGTCATGATATACTGTGAGTACAGTGTGAGACACAGAGAGGGCCACAGT	600						
QY	601	GCCTGTGTCATCTCAGGACTCGGCTGGCCCGCCAAATGGAAGAGACTGTCTAGATATG	660						
DB	601	GCCTGTGTCATCTCAGGACTCGGCTGGCCCGCCAAATGGAAGAGACTGTCTAGATATG	660						
QY	661	ATGAGTGTGCTTGGTAAAGTCACTGTCTTACCAATCGAGATGTGTGAACACATTTG	720						
DB	661	ATGAGTGTGCTTGGTAAAGTCACTGTCTTACCAATCGAGATGTGTGAACACATTTG	720						
QY	721	GAACTACTACTGCAAAATGTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	780						
DB	721	GAACTACTACTGCAAAATGTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	780						
QY	781	ACTGTATGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
DB	781	ACTGTATGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
QY	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC	900						
DB	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC	900						
QY	901	TTGCGTGTGCTACTCCTGAAAATTTCTGTGAGGAGTCTTCAAGCAGCCTGGTACCA	960						
DB	901	TTGCGTGTGCTACTCCTGAAAATTTCTGTGAGGAGTCTTCAAGCAGCCTGGTACCA	960						

QY	961	TCAAAGACAGAAATCAAGAGTGTGCTCTCAAAAAACAGCATGAAAAAGAGGGCAAAA	1020
DB	961	TCAAAGACAGAAATCAAGAGTGTGCTCTCAAAAAACAGCATGAAAAAGAGGGCAAAA	1020
QY	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTCTACCCCTTAAGGTGAATCTTCAGCCCT	1080
DB	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTCTACCCCTTAAGGTGAATCTTCAGCCCT	1080
QY	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGCGGAATCTCTATGGAGTAAAAAGGGAATG	1140
DB	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGCGGAATCTCTATGGAGTAAAAAGGGAATG	1140
QY	1141	RAGAGATTAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAAGATGA	1200
DB	1141	RAGAGATTAAGAGGGGCTTGAAGATGAGAAAGAGAGAGAGAGCCCTGAAAGATGA	1200
QY	1201	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAAGTGAATGAGCAGTGA	1260
DB	1201	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTTTTCCCTAAAGTGAATGAGCAGTGA	1260
QY	1261	ATTGCGCTGATTTCTGCTCCAAAGGAGCGCTAACTTCCAAACTGGAACATAAAGATTT	1320
DB	1261	ATTGCGCTGATTTCTGCTCCAAAGGAGCGCTAACTTCCAAACTGGAACATAAAGATTT	1320
QY	1321	AAATATCTCGGTGACTGCAGCTTCAATCATGGGATCTGTGACTGTGAAACAGGATAGA	1380
DB	1321	AAATATCTCGGTGACTGCAGCTTCAATCATGGGATCTGTGACTGTGAAACAGGATAGA	1380
QY	1381	AGATGATTTGACTGGAATCCTGCTGATCCGAGATAATGCTTATGGCTTCTATATGGCAGT	1440
DB	1381	AGATGATTTGACTGGAATCCTGCTGATCCGAGATAATGCTTATGGCTTCTATATGGCAGT	1440
QY	1441	TCGGGCTTGGCAGGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT	1500
DB	1441	TCGGGCTTGGCAGGTCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT	1500
QY	1501	GCACCCCAAGCACTTCTGTTGCTTCTTGTATACCGGCTGCGCGGAGCAAGTCGG	1560
DB	1501	GCACCCCAAGCACTTCTGTTGCTTCTTGTATACCGGCTGCGCGGAGCAAGTCGG	1560
QY	1561	GAACTTTCAGTGTGTTGTGAAAAACAGTAAACAATGCTGCGATGGGAGAGACCAAG	1620
DB	1561	GAACTTTCAGTGTGTTGTGAAAAACAGTAAACAATGCTGCGATGGGAGAGACCAAG	1620
QY	1621	TGAGGATGAAAAAGTGGAGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATCCAA	1680
DB	1621	TGAGGATGAAAAAGTGGAGAGACAGGGAATAATTCAGTTGTATCAAGGAACTGATCCAA	1680
QY	1681	AAGCATCATTTTGAAGCAGAACGTGGCAAGGCAAAAACCGCGGAATCGCAGTGGATGG	1740
DB	1681	AAGCATCATTTTGAAGCAGAACGTGGCAAGGCAAAAACCGCGGAATCGCAGTGGATGG	1740
QY	1741	CGTCTTGTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGATGTT	1800
DB	1741	CGTCTTGTGTTTCAAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATGATGTT	1800
QY	1801	ACTATCTTTTATATTTGACTTGTATGTAGTTCCTGCTGCTTTTGTATTTGATTCATAG	1860
DB	1801	ACTATCTTTTATATTTGACTTGTATGTAGTTCCTGCTGCTTTTGTATTTGATTCATAG	1860
QY	1861	GACCTCTGGCAATTTAGAAATTAAGTGAATAATTTGTAATGTAACCAAGAAATTTAT	1920
DB	1861	GACCTCTGGCAATTTAGAAATTAAGTGAATAATTTGTAATGTAACCAAGAAATTTAT	1920
QY	1921	TGTAAAGTGCCTTCTTGTATAGATATGCCAATAATTTGCTTTAAATATCATCATCTGT	1980
DB	1921	TGTAAAGTGCCTTCTTGTATAGATATGCCAATAATTTGCTTTAAATATCATCATCTGT	1980
QY	1981	ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATATAAATNTGGAANGTCAGTT	2040
DB	1981	ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATATAAATNTGGAANGTCAGTT	2040



QY 2041 TATCTCCCTCCCTGCTATATCTGATTGTGTATANGTANGTGTGCTCTCTCTACAA 2100  
DB 2041 TATCTCCCTCCCTGCTATATCTGATTGTGTATANGTANGTGTGCTCTCTCTACAA 2100  
QY 2101 CATTTCTAGAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
DB 2101 CATTTCTAGAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
QY 2161 ACTTCTTGAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACGCTGGGCTTT 2220  
DB 2161 ACTTCTTGAACTATGACATCAAGATAGACTTTTGCTTAAGTGGCTTACGCTGGGCTTT 2220  
QY 2221 TCATAGCCAACTGCTATATTTAACTTCTTGTAATATAA 2260  
DB 2221 TCATAGCCAACTGCTATATTTAACTTCTTGTAATATAA 2260

RESULT 27

US-09-978-299A-118  
; Sequence 118, Application US/09978299A  
; Publication No. US20030199435A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Cao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C3  
; CURRENT APPLICATION NUMBER: US/09/978,299A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22

;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match  
Best Local Similarity 99.7%; Score 2253; DB 10; Length 2260;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGGCG 60  
DB 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGGCG 60  
QY 61 GCTTAGCTGTCTAGGGGTCCGGCGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGAGGA 120  
DB 61 GCTTAGCTGTCTAGGGGTCCGGCGCGGCGGCTCCGAGGGGGGCTCAGGAGGAGAGGA 120  
QY 121 GGACCCGTGGGAGAAATGCTCTCTGCGCTGGAGCGCTTCCGCTCCGCTGCTCTCTCTGG 180  
DB 121 GGACCCGTGGGAGAAATGCTCTCTGCGCTGGAGCGCTTCCGCTCCGCTGCTCTCTCTGG 180  
QY 181 TGGCAGGTGGTTCGGGAGCGCGGCGGCTGCAAGGATCACGGGTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGGTTCGGGAGCGCGGCGGCTGCAAGGATCACGGGTGTAGCATCGGCAC 240  
QY 241 GTCAAGCTGGGGTCTGTCACTATGGAATCTGCAAGTCAAGTCAAGTCAAGTCAAGTCA 300  
DB 241 GTCAAGCTGGGGTCTGTCACTATGGAATCTGCAAGTCAAGTCAAGTCAAGTCAAGTCA 300  
QY 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAAGCTGATGTAAGTTTGTGTGAGTGGTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAAGCTGATGTAAGTTTGTGTGAGTGGTGG 360  
QY 361 GACCAAAACAAATGCAGATGCTTTCAGAGATACACCGGGAACCTGCAAGTCAAGTCA 420  
DB 361 GACCAAAACAAATGCAGATGCTTTCAGAGATACACCGGGAACCTGCAAGTCAAGTCA 420  
QY 421 ATGAGTGTGAATGAAACCCCGGCGGCTGCAAGTGTGTGAATACACAGGAAGCT 480  
DB 421 ATGAGTGTGAATGAAACCCCGGCGGCTGCAAGTGTGTGAATACACAGGAAGCT 480  
QY 481 ACAAGTCTTTTGGCTCAGTGGGCGCATGCTCATGCGAGATGCTAGTGTGTGAACTCTA 540  
DB 481 ACAAGTCTTTTGGCTCAGTGGGCGCATGCTCATGCGAGATGCTAGTGTGTGAACTCTA 540  
QY 541 GGACATGTGCCATGATAAATGTTCAGTACAGCTGTGGAAGACACAGAGAGAGGCGCACAGT 600  
DB 541 GGACATGTGCCATGATAAATGTTCAGTACAGCTGTGGAAGACACAGAGAGAGGCGCACAGT 600  
QY 501 GCCTGTGTCCATCCTCAGAGTCCGCGCTGCGGCGGCGGCGGCGGCGGCGGCGGCGGCG 660  
DB 501 GCCTGTGTCCATCCTCAGAGTCCGCGCTGCGGCGGCGGCGGCGGCGGCGGCGGCGGCG 660  
QY 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTGG 720  
DB 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACACATTGG 720  
QY 721 GAAGCTACTACTGCAAAATGTCAATTGGTTTTCGAACTGCAATATATATCATGTGACCATATG 780  
DB 721 GAAGCTACTACTGCAAAATGTCAATTGGTTTTCGAACTGCAATATATATCATGTGACCATATG 780  
QY 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840  
DB 781 ACTGTATAGATATAAATGAATGATGATGATGATGATGATGATGATGATGATGATGATGAT 840  
QY 841 GCTTCAATACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATATAAGGCAATGAC 900  
DB 841 GCTTCAATACCCAAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATATAAGGCAATGAC 900  
QY 901 TCGGTGTTCTGCTATCCCTGAAAATTCGTCAAGGAGTCTCAGAGCAGCTGCTGATCA 960  
DB 901 TCGGTGTTCTGCTATCCCTGAAAATTCGTCAAGGAGTCTCAGAGCAGCTGCTGATCA 960  
QY 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCAAAAAACAGCATGAAAAAGGCAAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCAAAAAACAGCATGAAAAAGGCAAAAA 1020

1021 TTAATAATGTTTACCCAGAACCCACACAGGACTCTACCCCTAAGGTGAATTCGACGCTT 1080  
1021 TTAATAATGTTTACCCAGAACCCACACAGGACTCTACCCCTAAGGTGAATTCGACGCTT 1080  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGAATG 1140  
1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGTAAAGAGGAATG 1140  
1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1141 AAGAGAAATGAAGAGGGCTTGAAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1201 CATAGAGAGCGAAGCCCTGCGAGAGAGATGTTTTCCTTAAGGTGAATGAAGAGAGTGA 1260  
1201 CATAGAGAGCGAAGCCCTGCGAGAGAGATGTTTTCCTTAAGGTGAATGAAGAGAGTGA 1260  
1261 ATTGGGCTGATTTCTGTCCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320  
1261 ATTGGGCTGATTTCTGTCCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320  
1321 AAATATCTCGGTTGACTGACGCTTCAATCATGGGATCTGTGACTGGGAAACAGGATAGAG 1380  
1321 AAATATCTCGGTTGACTGACGCTTCAATCATGGGATCTGTGACTGGGAAACAGGATAGAG 1380  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATGATGCTATTTGGCTTCTATATGCGAGT 1440  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATGATGCTATTTGGCTTCTATATGCGAGT 1440  
1441 TCCGCGCTTGGCAGGTCAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500  
1441 TCCGCGCTTGGCAGGTCAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500  
1501 GCAACCCCAAGCAACTTCTGTTGCTTTGCTTTGATTAAGGAGAGAGAGAGAGAGAG 1560  
1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAAGGAGAGAGAGAGAGAGAGAGAGAG 1560  
1561 GAAATCTGAGGTGTTGAG 1620  
1561 GAAATCTGAGGTGTTGAG 1620  
1621 TGAGGATGAAAGTGGAG 1680  
1621 TGAGGATGAAAGTGGAG 1680  
1681 AAGCATATTTTGGAG 1740  
1681 AAGCATATTTTGGAG 1740  
1681 AAGCATATTTTGGAG 1740  
1741 CGTCTTGTGTTTGTGAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
1741 CGTCTTGTGTTTGTGAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
1801 ACTATCTTATATTTGACTGTTGATGTCAGTCCCTGGTTTTTTTGTATTTGATGATGAT 1860  
1801 ACTATCTTATATTTGACTGTTGATGTCAGTCCCTGGTTTTTTTGTATTTGATGATGAT 1860  
1861 GACCTCTGGCATTTTGAATTAAGATGATGATGATGATGATGATGATGATGATGATGAT 1920  
1861 GACCTCTGGCATTTTGAATTAAGATGATGATGATGATGATGATGATGATGATGATGAT 1920  
1921 TGTAAGATGCTTTTCTGTAAGATGATGATGATGATGATGATGATGATGATGATGATG 1980  
1921 TGTAAGATGCTTTTCTGTAAGATGATGATGATGATGATGATGATGATGATGATGATG 1980  
1981 ATCTTCTGATGATTTTCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 2040  
1981 ATCTTCTGATGATTTTCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 2040  
2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANG 2100  
2041 TATCTCCCTCTCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANG 2100  
2101 CATTTCTAGAGAAATAG 2160

Db 2101 CATTTCTAGAGAAATAG 2160  
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTTCCTTAAGTGGCTTAGCTGGGTCTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTTCCTTAAGTGGCTTAGCTGGGTCTT 2220  
Qy 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260  
Db 2221 TCATAGCAAACTTGTATATTTAAATCTTTTGTAAATAATAA 2260

RESULT 28  
US-09-978-544A-118  
; Sequence 118, Application US/09978544A  
; Publication No. US20030199436A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C13  
; CURRENT APPLICATION NUMBER: US/09/978,544A  
; CURRENT FILING DATE: 2002-03-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20

1 PRIOR APPLICATION NUMBER: 60/078936  
2 PRIOR FILING DATE: 1998-03-20  
3 PRIOR APPLICATION NUMBER: 60/078910  
4 PRIOR FILING DATE: 1998-03-20  
5 PRIOR APPLICATION NUMBER: 60/078939  
6 PRIOR FILING DATE: 1998-03-20  
7 PRIOR APPLICATION NUMBER: 60/079294  
8 PRIOR FILING DATE: 1998-03-25  
9 PRIOR APPLICATION NUMBER: 60/079656  
10 PRIOR FILING DATE: 1998-03-26  
11 PRIOR APPLICATION NUMBER: 60/079664  
12 PRIOR FILING DATE: 1998-03-27  
13 PRIOR APPLICATION NUMBER: 60/079689  
14 PRIOR FILING DATE: 1998-03-27  
15 PRIOR APPLICATION NUMBER: 60/079663  
16 PRIOR FILING DATE: 1998-03-27  
17 PRIOR APPLICATION NUMBER: 60/079728  
18 PRIOR FILING DATE: 1998-03-27  
19 PRIOR APPLICATION NUMBER: 60/079786  
20 PRIOR FILING DATE: 1998-03-27  
21 PRIOR APPLICATION NUMBER: 60/079920  
22 PRIOR FILING DATE: 1998-03-30  
23 PRIOR APPLICATION NUMBER: 60/079923  
24 PRIOR FILING DATE: 1998-03-30  
25 PRIOR APPLICATION NUMBER: 60/080105  
26 PRIOR FILING DATE: 1998-03-31  
27 PRIOR APPLICATION NUMBER: 60/080107  
28 PRIOR FILING DATE: 1998-03-31  
29 PRIOR APPLICATION NUMBER: 60/080165  
30 PRIOR FILING DATE: 1998-03-31  
31 PRIOR APPLICATION NUMBER: 60/080194  
32 PRIOR FILING DATE: 1998-03-31  
33 PRIOR APPLICATION NUMBER: 60/080327  
34 PRIOR FILING DATE: 1998-04-01  
35 PRIOR APPLICATION NUMBER: 60/080328  
36 PRIOR FILING DATE: 1998-04-01  
37 PRIOR APPLICATION NUMBER: 60/080333  
38 PRIOR FILING DATE: 1998-04-01  
39 PRIOR APPLICATION NUMBER: 60/080334  
40 PRIOR FILING DATE: 1998-04-01  
41 PRIOR APPLICATION NUMBER: 60/081070  
42 PRIOR FILING DATE: 1998-04-08  
43 PRIOR APPLICATION NUMBER: 60/081049  
44 PRIOR FILING DATE: 1998-04-08  
45 PRIOR APPLICATION NUMBER: 60/081071  
46 PRIOR FILING DATE: 1998-04-08  
47 PRIOR APPLICATION NUMBER: 60/081195  
48 PRIOR FILING DATE: 1998-04-08  
49 PRIOR APPLICATION NUMBER: 60/081203  
50 PRIOR FILING DATE: 1998-04-09  
51 PRIOR APPLICATION NUMBER: 60/081229  
52 PRIOR FILING DATE: 1998-04-09  
53 PRIOR APPLICATION NUMBER: 60/081955  
54 PRIOR FILING DATE: 1998-04-15  
55 PRIOR APPLICATION NUMBER: 60/081817  
56 PRIOR FILING DATE: 1998-04-15  
57 PRIOR APPLICATION NUMBER: 60/081819  
58 PRIOR FILING DATE: 1998-04-15  
59 PRIOR APPLICATION NUMBER: 60/081952  
60 PRIOR FILING DATE: 1998-04-15  
61 PRIOR APPLICATION NUMBER: 60/081838  
62 PRIOR FILING DATE: 1998-04-15  
63 PRIOR APPLICATION NUMBER: 60/082568  
64 PRIOR FILING DATE: 1998-04-21  
65 PRIOR APPLICATION NUMBER: 60/082569  
66 PRIOR FILING DATE: 1998-04-21  
67 PRIOR APPLICATION NUMBER: 60/082704  
68 PRIOR FILING DATE: 1998-04-22  
69 PRIOR APPLICATION NUMBER: 60/082804  
70 PRIOR FILING DATE: 1998-04-22  
71 PRIOR APPLICATION NUMBER: 60/082700  
72 PRIOR FILING DATE: 1998-04-22  
73 PRIOR APPLICATION NUMBER: 60/082797

74 PRIOR FILING DATE: 1998-04-22  
75 PRIOR APPLICATION NUMBER: 60/082796  
76 PRIOR FILING DATE: 1998-04-23  
77 PRIOR APPLICATION NUMBER: 60/083336  
78 PRIOR FILING DATE: 1998-04-27  
79 PRIOR APPLICATION NUMBER: 60/083322  
80 PRIOR FILING DATE: 1998-04-28  
81 PRIOR APPLICATION NUMBER: 60/083392  
82 PRIOR FILING DATE: 1998-04-29  
83 PRIOR APPLICATION NUMBER: 60/083495  
84 PRIOR FILING DATE: 1998-04-29  
85 PRIOR APPLICATION NUMBER: 60/083496  
86 PRIOR FILING DATE: 1998-04-29  
87 PRIOR APPLICATION NUMBER: 60/083499  
88 PRIOR FILING DATE: 1998-04-29  
89 PRIOR APPLICATION NUMBER: 60/083545  
90 PRIOR FILING DATE: 1998-04-29  
91 PRIOR APPLICATION NUMBER: 60/083554  
92 PRIOR FILING DATE: 1998-04-29  
93 PRIOR APPLICATION NUMBER: 60/083558  
94 PRIOR FILING DATE: 1998-04-29  
95 PRIOR APPLICATION NUMBER: 60/083559  
96 PRIOR FILING DATE: 1998-04-29  
97 PRIOR APPLICATION NUMBER: 60/083500  
98 PRIOR FILING DATE: 1998-04-29  
99 PRIOR APPLICATION NUMBER: 60/083742  
100 PRIOR FILING DATE: 1998-04-30  
101 PRIOR APPLICATION NUMBER: 60/084366  
102 PRIOR FILING DATE: 1998-05-05  
103 PRIOR APPLICATION NUMBER: 60/084414  
104 PRIOR FILING DATE: 1998-05-06  
105 PRIOR APPLICATION NUMBER: 60/084441  
106 PRIOR FILING DATE: 1998-05-06  
107 PRIOR APPLICATION NUMBER: 60/084637  
108 PRIOR FILING DATE: 1998-05-07  
109 PRIOR APPLICATION NUMBER: 60/084639  
110 PRIOR FILING DATE: 1998-05-07  
111 PRIOR APPLICATION NUMBER: 60/084640  
112 PRIOR FILING DATE: 1998-05-07  
113 PRIOR APPLICATION NUMBER: 60/084598  
114 PRIOR FILING DATE: 1998-05-07  
115 PRIOR APPLICATION NUMBER: 60/084600  
116 PRIOR FILING DATE: 1998-05-07  
117 PRIOR APPLICATION NUMBER: 60/084627  
118 PRIOR FILING DATE: 1998-05-07  
119 PRIOR APPLICATION NUMBER: 60/084643  
120 PRIOR FILING DATE: 1998-05-07  
121 PRIOR APPLICATION NUMBER: 60/085339  
122 PRIOR FILING DATE: 1998-05-13  
123 PRIOR APPLICATION NUMBER: 60/085338  
124 PRIOR FILING DATE: 1998-05-13  
125 PRIOR APPLICATION NUMBER: 60/085323  
126 PRIOR FILING DATE: 1998-05-13  
127 PRIOR APPLICATION NUMBER: 60/085582  
128 PRIOR FILING DATE: 1998-05-15  
129 PRIOR APPLICATION NUMBER: 60/085700  
130 PRIOR FILING DATE: 1998-05-15  
131 PRIOR APPLICATION NUMBER: 60/085689  
132 PRIOR FILING DATE: 1998-05-15  
133 PRIOR APPLICATION NUMBER: 60/085579  
134 PRIOR FILING DATE: 1998-05-15  
135 PRIOR APPLICATION NUMBER: 60/085580  
136 PRIOR FILING DATE: 1998-05-15  
137 PRIOR APPLICATION NUMBER: 60/085573  
138 PRIOR FILING DATE: 1998-05-15  
139 PRIOR APPLICATION NUMBER: 60/085704  
140 PRIOR FILING DATE: 1998-05-15  
141 PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGCTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
DB 1 CGGACGCTGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
QY 61 GCTTAGCTGCTACGGGGTCCGGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGGTCCGGGCGGCGGCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120  
QY 121 GGACCCGTCGAGAGTGCCTCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGGG 180  
DB 121 GGACCCGTCGAGAGTGCCTCTGCGCTGGAGCTTGGCTCCCGCTGCTCTCTCTGGG 180  
QY 181 TGGAGGCTGGTTCGGGAAACGGGCGCAGTCGAGGCTCAGGGTTCGAGGCTGAGGCTG 240  
DB 181 TGGAGGCTGGTTCGGGAAACGGGCGCAGTCGAGGCTCAGGGTTCGAGGCTGAGGCTG 240  
QY 241 GTCAGCTGGGCTGCTCACTATGGAATTAACCTGGCTGCTGCTGCTGCTGCTGCTG 300  
DB 241 GTCAGCTGGGCTGCTCACTATGGAATTAACCTGGCTGCTGCTGCTGCTGCTGCTG 300  
QY 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTCGAGTGGTGG 360  
DB 301 ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGATGTAAAGTTCGAGTGGTGG 360  
QY 361 GACCAACAAATGCAAGTCTTCCAGGATACACCGGGAACCTGCAATCAAGATGGA 420  
DB 361 GACCAACAAATGCAAGTCTTCCAGGATACACCGGGAACCTGCAATCAAGATGGA 420  
QY 421 ATGAGTGTGGAATGAACCCCGGCCATGCCAACAAGTGTGGAATGCAACGGAAGCT 480  
DB 421 ATGAGTGTGGAATGAACCCCGGCCATGCCAACAAGTGTGGAATGCAACGGAAGCT 480  
QY 481 ACAGTGTCTTTCAGTGGCCATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 540  
DB 481 ACAGTGTCTTTCAGTGGCCATGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 540  
QY 541 GGCATGTGCCATGATTAACCTGTGAGTGGCCATGCTGCTGCTGCTGCTGCTGCTG 600  
DB 541 GGCATGTGCCATGATTAACCTGTGAGTGGCCATGCTGCTGCTGCTGCTGCTGCTG 600  
QY 601 GCTGTGCTCCTCAGACTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 660  
DB 601 GCTGTGCTCCTCAGACTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 660  
QY 661 ATGAAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720  
DB 661 ATGAAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720  
QY 721 GAACTACTACTGCAAAATGCTGCAATGCTGCAATGCTGCAATGCTGCAATGCTG 780  
DB 721 GAACTACTACTGCAAAATGCTGCAATGCTGCAATGCTGCAATGCTGCAATGCTG 780  
QY 781 ACTGTATAGTATTAATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
DB 781 ACTGTATAGTATTAATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCGGATATAAAGCGAATGGAC 900  
DB 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCGGATATAAAGCGAATGGAC 900  
QY 901 TTGGGTGCTTGTGATTCCTGAAATTCCTGAAAGAGTCTGAGGAGTCTGAGGAGT 960  
DB 901 TTGGGTGCTTGTGATTCCTGAAATTCCTGAAAGAGTCTGAGGAGTCTGAGGAGT 960  
QY 961 TCAAGACAGAAATCAAGAGTTCCTTGTCTCACAACCAAGATGAAAGAGGCAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAGTTCCTTGTCTCACAACCAAGATGAAAGAGGCAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTCCCTTAAGTGAACCTGAGCCCT 1080  
DB 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTCCCTTAAGTGAACCTGAGCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTTCAGAGGGGGAACTCTCATGAGGTAAAAAGGAATG 1140

DB 1081 TCAACTATGAAGAGATAGTTTTCAGAGGGGGAACTCTCATGAGGTAAAAAGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGAGGGCTTCAGGATGAGAAAAGAGAAAGAAAGCCCTGAAGAATGA 1200  
DB 1141 AAGAGAAATGAAGAGAGGGCTTCAGGATGAGAAAAGAGAAAGAAAGCCCTGAAGAATGA 1200  
QY 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTCCTTAAGTGAAATGAAGCAGGTGA 1260  
DB 1201 CATAGAGAGCGAAGCCTGCGAGGAGATGTGTTCCTTAAGTGAAATGAAGCAGGTGA 1260  
QY 1261 ATTGGCTGATTCCTGCTCCAAAGGAAAGCGCTAACCTTCCAAACTGGAACATAAAGATT 1320  
DB 1261 ATTGGCTGATTCCTGCTCCAAAGGAAAGCGCTAACCTTCCAAACTGGAACATAAAGATT 1320  
QY 1321 AAATATCTCGGTTGACTGCACTTCAATCATGGATCTGTGAATGGAACAGGATGAGA 1380  
DB 1321 AAATATCTCGGTTGACTGCACTTCAATCATGGATCTGTGAATGGAACAGGATGAGA 1380  
QY 1381 AGATGATTTTGAATCTGCTGCTGATCGAGATTAATGCTTATTTGGCTTCTTATGCGAGT 1440  
DB 1381 AGATGATTTTGAATCTGCTGCTGATCGAGATTAATGCTTATTTGGCTTCTTATGCGAGT 1440  
QY 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500  
DB 1441 TCCGGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTGAAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGGAACTTCTGTTTGTGTTTGTATTAACGGCTGCGGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGGAACTTCTGTTTGTGTTTGTATTAACGGCTGCGGAGACAAAGTCGG 1560  
QY 1561 GAAACTCTCGAGTGTGTGAAAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAA 1620  
DB 1561 GAAACTCTCGAGTGTGTGAAAAACAGTAAACAGTAAACAGTAAACAGTAAACAGTAA 1620  
QY 1621 TGAGATGAAAGTGGAAAGACAGGGAATAATTCAGTTGTATCATAGGAACTGATCTACCA 1680  
DB 1621 TGAGATGAAAGTGGAAAGACAGGGAATAATTCAGTTGTATCATAGGAACTGATCTACCA 1680  
QY 1681 AAGCATCAATTTTGAAGCAGAACGTCGCAAGGCAAAACCGGCGAATTCGAGTGGATGG 1740  
DB 1681 AAGCATCAATTTTGAAGCAGAACGTCGCAAGGCAAAACCGGCGAATTCGAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTCTGATGATGATGATGAT 1800  
DB 1741 CGTCTGCTGTTTCAAGCTTATGTCAGATAGCTTTTATCTCTGATGATGATGATGAT 1800  
QY 1801 ACTATCTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATG 1860  
DB 1801 ACTATCTTATATTTGATGATGATGATGATGATGATGATGATGATGATGATGATG 1860  
QY 1861 GACCTCTGGCAATTTAGAAATTAAGTGAAGAAATTTGTAATGTAACCAAGAAATATAT 1920  
DB 1861 GACCTCTGGCAATTTAGAAATTAAGTGAAGAAATTTGTAATGTAACCAAGAAATATAT 1920  
QY 1921 TGTAGATGCTTCTGCTGATTAAGATAGCCAAATTTGCTTTAAATATCATATCACTGT 1980  
DB 1921 TGTAGATGCTTCTGCTGATTAAGATAGCCAAATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCTGCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATG 2100  
DB 2041 TATCTCCCTCTCTGCTGATATCTGATTTGTATGATGATGATGATGATGATGATGATG 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
DB 2101 CATTTCTAGAAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
QY 2161 ACTTCTTGGAAACTATGATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220

Db 2161 ACTTCTTGGAACACTATGACATCAAGATAGACTTTTCCTTAAGTGGCTTAGTGGCTTT 2220  
QY 2221 TCATAGCCAACTTGTATATTAAATCTTCTGTAATAATAA 2260  
Db 2221 TCATAGCCAACTTGTATATTAAATCTTCTGTAATAATAA 2260

RESULT 29  
US-09-978-665A-118  
; Sequence 118, Application US/09978665A  
; Publication No. US20030199437A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary B.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC19  
; CURRENT APPLICATION NUMBER: US/09/978,665A  
; CURRENT FILING DATE: 2001-10-16  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796  
; PRIOR FILING DATE: 1998-04-23  
; PRIOR APPLICATION NUMBER: 60/083336  
; PRIOR FILING DATE: 1998-04-27





Db 1141 AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGAGGAGGCTTGAAGATGA 1200  
Qy 1201 CATAGAGGAGGAGGAGGCTCGAGGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGGAGGAGGAGGCTCGAGGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAGGCTAAGCTCCAACTCGGACATATAGATTT 1320  
Db 1261 ATTGGGCTGATTTCTGGTCCAAAGGAAGGCTAAGCTCCAACTCGGACATATAGATTT 1320  
Qy 1321 AAATATCTCGGTGACATGACGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380  
Db 1321 AAATATCTCGGTGACATGACGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380  
Qy 1381 AGATGATTTGACTGGAATCCTGCTGATCGAGATATGCTATTTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTGACTGGAATCCTGCTGATCGAGATATGCTATTTGGCTTCTATATGGCAGT 1440  
Qy 1441 TCCGGCTTGGCAGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCTTGGCAGTCAAGAAAGACATTTGGCCGATTTGAACTTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTGATTTACCGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTGATTTACCGGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAACTTCGAGTGTGTTGAAAGACAGTAAATGCGCTGGCATGGAGAACCAAGAG 1620  
Db 1561 GAACTTCGAGTGTGTTGAAAGACAGTAAATGCGCTGGCATGGAGAACCAAGAG 1620  
Qy 1621 TGAGGATGAAAGTGGAGACAGGAGAAATTCAGTTGTTATCAAGGAACGTGATACCAA 1680  
Db 1621 TGAGGATGAAAGTGGAGACAGGAGAAATTCAGTTGTTATCAAGGAACGTGATACCAA 1680  
Qy 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCAAAACCGGGAATTCGAGTGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGACAGTGGCAAGGCAAAACCGGGAATTCGAGTGATGG 1740  
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
Qy 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTTTTGTATTTGATTTGATGATG 1860  
Db 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTTTTGTATTTGATTTGATGATG 1860  
Qy 1861 GACCTCTGGCAATTTAGAAATTTAGTGTGAAATTTGTAATGTACCAACAGAAATTTAT 1920  
Db 1861 GACCTCTGGCAATTTAGAAATTTAGTGTGAAATTTGTAATGTACCAACAGAAATTTAT 1920  
Qy 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCAATTTATATATAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCNCAATTTATATATAAATNTGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGNGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGATTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGATTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220  
Qy 2221 TCATAGCCAACTGATATTTTAAATCTTTTGTAAATAATAA 2260  
Db 2221 TCATAGCCAACTGATATTTTAAATCTTTTGTAAATAATAA 2260

RESULT 30  
US-09-978-802A-118  
; Sequence 118, Application US/09978802A  
; Publication No. US20030199674A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Baton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Garber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tunas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C20  
; CURRENT APPLICATION NUMBER: US/09/978,802A  
; CURRENT FILING DATE: 2001-10-16  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26

;; PRIOR APPLICATION NUMBER: 60/079664  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079689  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079663  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079786  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079920  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/079923  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/080105  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080107  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080165  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080194  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080327  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080328  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080333  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080334  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/081070  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081049  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081938  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495

;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085680  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7% Score 2253; DB 10; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGGCTGGTGCAGTGGAGCGGAGGCCCGGCGCTCCGAGGGGGCTCAGGAGAGGAGGGCGG 60  
DB 1 CGGACGGCTGGTGCAGTGGAGCGGAGGCCCGGCGCTCCGAGGGGGCTCAGGAGAGGAGGGCGG 60  
QY 61 GCTTAGCTGCTAGCGGGTCCGGCCCTCCGAGGGGGCTCAGGAGAGGAGGA 120  
DB 61 GCTTAGCTGCTAGCGGGTCCGGCCCTCCGAGGGGGCTCAGGAGAGGAGGA 120  
QY 121 GGACCCGTGGAGAGTGCCTCTCCCTGGAGCGTTGGCTCCCGCTGCTCTCTCTGG 180

Db 121 GGACCCGTCGAGAAATGCTCTGCGCTCGAGCGCTTCCGCTCCGCTGCTGCTCTCTCTCGG 180  
Qy 181 TGGCAGGTGTTTCGGGAAACGCGCGCAGTGCAGAGCATCACGGTGTGTTAGCATCGGCAC 240  
Db 181 TGGCAGGTGTTTCGGGAAACGCGCGCAGTGCAGAGCATCACGGTGTGTTAGCATCGGCAC 240  
Qy 241 GTCAAGCTGGGGTCTGTCACTATGGAACATAAATGCGCTGCTGCTACGGCTCGAGAGAA 300  
Db 241 GTCAAGCTGGGGTCTGTCACTATGGAACATAAATGCGCTGCTGCTACGGCTCGAGAGAA 300  
Qy 301 ACACAGAGGAGTCTGTGAAGTACATCGCAACCTGCGATGAGTGTGAGTGTGCTGG 360  
Db 301 ACACAGAGGAGTCTGTGAAGTACATCGCAACCTGCGATGAGTGTGAGTGTGCTGG 360  
Qy 361 GACCAACAAATGAGATGCTTTTCAGGATACACCGGGAACCTCGCATCAAGATGTGA 420  
Db 361 GACCAACAAATGAGATGCTTTTCAGGATACACCGGGAACCTCGCATCAAGATGTGA 420  
Qy 421 ATGAGTGTGAATGAACCCCGGCATGCCAACACAGAGTGTGATACACACGGAAGCT 480  
Db 421 ATGAGTGTGAATGAACCCCGGCATGCCAACACAGAGTGTGATACACACGGAAGCT 480  
Qy 481 ACAAGTGTGTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTCTA 540  
Db 481 ACAAGTGTGTTGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTCTA 540  
Qy 541 GGACATGTGCCATGATAACTGTGAGTACAGTGTGGAAGACACAGAGAGGGGCCACAGT 600  
Db 541 GGACATGTGCCATGATAACTGTGAGTACAGTGTGGAAGACACAGAGAGGGGCCACAGT 600  
Qy 601 GCCTGTGTCATCCTCAGAGTCCGCTGGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Db 601 GCCTGTGTCATCCTCAGAGTCCGCTGGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Qy 661 ATGAATGTGCTGTGTAAGTCACTGTCTGCTCAATCGAAGTGTGTAACACATTTG 720  
Db 661 ATGAATGTGCTGTGTAAGTCACTGTCTGCTCAATCGAAGTGTGTAACACATTTG 720  
Qy 721 GAAGCTACTCTGCAAAATGTCATGTTGTCGAACCTGCAATATATCAGTGCAGCATATG 780  
Db 721 GAAGCTACTCTGCAAAATGTCATGTTGTCGAACCTGCAATATATCAGTGCAGCATATG 780  
Qy 781 ACTGTATAGATATAATGAATGACTATGATAGCATATCAGTGCAGCATATG 840  
Db 781 ACTGTATAGATATAATGAATGACTATGATAGCATATCAGTGCAGCATATG 840  
Qy 841 GCTTCAATACCAAGGTCCTTCAAGTCTAAATGCAAGCGGATATAAAGGCAATGGAC 900  
Db 841 GCTTCAATACCAAGGTCCTTCAAGTCTAAATGCAAGCGGATATAAAGGCAATGGAC 900  
Qy 901 TTCCGTTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCAGAGCACCTGGTACCA 960  
Db 901 TTCCGTTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCAGAGCACCTGGTACCA 960  
Qy 961 TCAAGACAGATCAGAGTGTGCTGCTCAAAAACAGCATGAAAAGAGGCAAAAA 1020  
Db 961 TCAAGACAGATCAGAGTGTGCTGCTCAAAAACAGCATGAAAAGAGGCAAAAA 1020  
Qy 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGTGAATTTGAGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCCTAAGTGAATTTGAGCCCT 1080  
Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAG 1200  
Qy 1201 CATAGAGCGGAGGCTTCGAGAGAGATGTGTTTTTCCCTAAGTGTGATGAGCAGGTGA 1260  
Db 1201 CATAGAGCGGAGGCTTCGAGAGAGATGTGTTTTTCCCTAAGTGTGATGAGCAGGTGA 1260

Qy 1261 ATTGCGCCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAGATTT 1320  
Db 1261 ATTGCGCCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAGATTT 1320  
Qy 1321 AATATATCTCGGTGAGTGCAGCTTCAATCATCGGATCTGTGACTGGAAACAGGATAGAGA 1380  
Db 1321 AATATATCTCGGTGAGTGCAGCTTCAATCATCGGATCTGTGACTGGAAACAGGATAGAGA 1380  
Qy 1381 AGATGATTTTGAATCGAATCTGCTGATCGAGATAATGCTATTTGGCTCTTATATGGCAGT 1440  
Db 1381 AGATGATTTTGAATCGAATCTGCTGATCGAGATAATGCTATTTGGCTCTTATATGGCAGT 1440  
Qy 1441 TCGGCTGTCGAGGTCAAGAAAGACATTCGCCGATTCGAACTTCTCTACCTGACCT 1500  
Db 1441 TCGGCTGTCGAGGTCAAGAAAGACATTCGCCGATTCGAACTTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTTCTCTTGAATACCGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTCTCTTGAATACCGGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAAACTTCGAGTGTGTAAGAAACAGTAACAATGCCCTGGCATGGGAGAACACCGAG 1620  
Db 1561 GAAACTTCGAGTGTGTAAGAAACAGTAACAATGCCCTGGCATGGGAGAACACCGAG 1620  
Qy 1621 TGAGATGAAAAAGTGAAGACACAGGAAAAATTCAGTTGTATCAAGGAACCTGATACCAA 1680  
Db 1621 TGAGATGAAAAAGTGAAGACACAGGAAAAATTCAGTTGTATCAAGGAACCTGATACCAA 1680  
Qy 1681 AAGCATCATTTTGAAGCAGACGTGGCAAGGCAAAAACCGGGBAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGACGTGGCAAGGCAAAAACCGGGBAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800  
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGT 1800  
Qy 1801 ACTATCTTATATGATGACTTGTATGTCAGTCCCTGGTGTGTTTTCATATTCGATCAG 1860  
Db 1801 ACTATCTTATATGATGACTTGTATGTCAGTCCCTGGTGTGTTTTCATATTCGATCAG 1860  
Qy 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAAAATTTAT 1920  
Db 1861 GACCTCTGGCAATTTTGAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAAAATTTAT 1920  
Qy 1921 TGTAGATGCTTTTGTATTAAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAGATGCTTTTGTATTAAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTCTCAGTCATTTCTGAATCTTTCCNCATTTATTAATAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTCTCAGTCATTTCTGAATCTTTCCNCATTTATTAATAATNTGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAATAGAAAABAAABAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAATAGAAAABAAABAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Qy 2161 ACTTCTTGGAACCTATGACATCAAGAGATAGACTTTTGCCTAAGTGGCTTACGTGGCTCTT 2220  
Db 2161 ACTTCTTGGAACCTATGACATCAAGAGATAGACTTTTGCCTAAGTGGCTTACGTGGCTCTT 2220  
Qy 2221 TCATAGCCAACTTGTATATTTAATTTCTTTGTTAATAATA 2260  
Db 2221 TCATAGCCAACTTGTATATTTAATTTCTTTGTTAATAATA 2260

RESULT 31  
US-10-164-749A-118  
; Sequence 118, Application US/10164749A



QY 1141 AAGAGAAATGAAAGAGGGGCTGAGGATGAGAAAGAGAGAGAGCCCTGAAGATGA 1200  
DB 1141 AAGAGAAATGAAAGAGGGGCTGAGGATGAGAAAGAGAGAGAGCCCTGAAGATGA 1200  
QY 1201 CATAGAGAGCGAGCGCTGCGAGGAGATGTTTTTCCCTAAGTGAATGAAGCAGGTGA 1260  
DB 1201 CATAGAGAGCGAGCGCTGCGAGGAGATGTTTTTCCCTAAGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTCGGGCTGATTTCTGTGTCACAAAGGAAGCGCTAACTTCCAACTGGGAACATAAGATTT 1320  
DB 1261 ATTCGGGCTGATTTCTGTGTCACAAAGGAAGCGCTAACTTCCAACTGGGAACATAAGATTT 1320  
QY 1321 AAATATCTCGGTTGACGCGAGCTTCAATCATGGGATCTGTGATCGGAAACAGGATAGAGA 1380  
DB 1321 AAATATCTCGGTTGACGCGAGCTTCAATCATGGGATCTGTGATCGGAAACAGGATAGAGA 1380  
QY 1381 AGATGATTTTGACTGGAATCCTGCTCATCGAGATAATCTATTGGCTTCTATATGGCAGT 1440  
DB 1381 AGATGATTTTGACTGGAATCCTGCTCATCGAGATAATCTATTGGCTTCTATATGGCAGT 1440  
QY 1441 TCGGGCTTGGGAGGTGACAAAGAAAGACATGGCGGATGAAACTTCTCTACCTGACCT 1500  
DB 1441 TCGGGCTTGGGAGGTGACAAAGAAAGACATGGCGGATGAAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCGAGTGTGTTGAAAACAGTAACATGCTGATCAAGGAACTGATGCTACCAA 1620  
DB 1561 GAAACTTCGAGTGTGTTGAAAACAGTAACATGCTGATCAAGGAACTGATGCTACCAA 1620  
QY 1621 TGAGGATGAAAGTGAAGACAGGAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680  
DB 1621 TGAGGATGAAAGTGAAGACAGGAAATTCAGTTGTATCAAGGAACTGATGCTACCAA 1680  
QY 1681 AAGATCATTTTGAAGCAGACAGTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
DB 1681 AAGATCATTTTGAAGCAGACAGTGGCAAGGCAAAACCGGCAAAATCGCAGTGGATGG 1740  
QY 1741 CGTCTTGCTGTTTCAAGGCTTATGTCAGATAGCCTTTTATCTGTTGATGACTCAATGTT 1800  
DB 1741 CGTCTTGCTGTTTCAAGGCTTATGTCAGATAGCCTTTTATCTGTTGATGACTCAATGTT 1800  
QY 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTGTTTTTTTGTATTTGATGCTATG 1860  
DB 1801 ACTATCTTATATTTGACTTTGATGTCAGTTCCTGCTGTTTTTTTGTATTTGATGCTATG 1860  
QY 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
DB 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGTGCCTTTCTGTATAGATATGCTTAATTTTGTCTTAAATATCATATCACTGT 1980  
DB 1921 TGTAAAGTGCCTTTCTGTATAGATATGCTTAATTTTGTCTTAAATATCATATCACTGT 1980  
QY 1981 ATCTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATGGAANGTCAGTT 2040  
DB 1981 ATCTCTCAGTCAATTTCTGAATCTTTCCNCAATTAATTAATAAATGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCCTCNGTATATCTGATTTGATATANGTGTGATGNGCTTCTCTACAA 2100  
DB 2041 TATCTCCCTCCCTCNGTATATCTGATTTGATATANGTGTGATGNGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
DB 2101 CATTTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGTACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAAACTATGACATCAAGATAGCTTTTGGCTAAGTGGCTAGCTGGGCTT 2220  
DB 2161 ACTTCTTGGAAACTATGACATCAAGATAGCTTTTGGCTAAGTGGCTAGCTGGGCTT 2220  
QY 2221 TCATAGCCAAACTGTATATTTAAATTTCTTTTGTAAATAATAA 2260

DB 2221 TCATAGCCAAACTGTATATTTAAATTTCTTTTGTAAATAATAA 2260

## RESULT 32

US-09-999-831A-118

; Sequence 118, Application US/09999831A

; Publication No. US20040048332A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Nepier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C68

; CURRENT FILING DATE: 2002-03-25

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 118

; LENGTH: 2260

; TYPE: DNA

; ORGANISM: Homo sapiens

; NAME/KEY: unsure

; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086

; OTHER INFORMATION: unknown base

US-09-999-831A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGGCG 60  
DB 1 CGGACGGTGGGTGCGAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGAGCGGCG 60

QY 61 GCTTAGCTGCTAGCGGGTCCGCCCGCGCGCTCCCGAGGGGGCTCAGGAGAGAGAGGA 120  
DB 61 GCTTAGCTGCTAGCGGGTCCGCCCGCGCGCTCCCGAGGGGGCTCAGGAGAGAGAGGA 120

QY 121 GGACCGCTGGAGAAATGCTCTGCGCTGGAGGCTTGGCGCTCCCGCTGCTGCTCTCTGGG 180  
DB 121 GGACCGCTGGAGAAATGCTCTGCGCTGGAGGCTTGGCGCTCCCGCTGCTGCTCTCTGGG 180

QY 181 TGGCAGTGTGTTTGGGAAACCGGCGCAGTGCGAAGGATCAAGGTTTGTAGCATCGGCAC 240  
DB 181 TGGCAGTGTGTTTGGGAAACCGGCGCAGTGCGAAGGATCAAGGTTTGTAGCATCGGCAC 240



QY 241 GTGAGCTGGGCTGTGCTACTATGGAACATAAATGCGCTGTCTACGCTGGAGAGAA 300  
Db 241 GTGAGCTGGGCTGTGCTACTATGGAACATAAATGCGCTGTCTACGCTGGAGAGAA 300  
QY 301 ACAGCAAGGAGTGTGTGAAGCTACATGCGAACCTCGGATGTAAAGTTGTGTAGTCCGTGG 360  
Db 301 ACAGCAAGGAGTGTGTGAAGCTACATGCGAACCTCGGATGTAAAGTTGTGTAGTCCGTGG 360  
QY 361 GACCAACCAATCAGATGCTTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA 420  
Db 361 GACCAACCAATCAGATGCTTTCCAGGATACACCGGGAACCTGCACTCAAGATGTGA 420  
QY 421 ATGAGTGTGAATGAACCCCGCCATGCCAACACAGATGTGTGAATACACCGGAAGCT 480  
Db 421 ATGAGTGTGAATGAACCCCGCCATGCCAACACAGATGTGTGAATACACCGGAAGCT 480  
QY 481 ACAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAACCTTA 540  
Db 481 ACAGTGTCTTTGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAACCTTA 540  
QY 541 GGACATGTGCCATGATAACTGTGCTGACAGTGTGAAGACACAGAAAGGCGCCACAGT 600  
Db 541 GGACATGTGCCATGATAACTGTGCTGACAGTGTGAAGACACAGAAAGGCGCCACAGT 600  
QY 601 GCCTGTGTCATCTCAGGACTCGCCCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Db 601 GCCTGTGTCATCTCAGGACTCGCCCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTGCTGAAAGTCACTCTGCTCCATCAATCGAAGATGTGTGAACACATTTG 720  
Db 661 ATGAATGTGCTCTGCTGAAAGTCACTCTGCTCCATCAATCGAAGATGTGTGAACACATTTG 720  
QY 721 GAAGTACTACTGCAATGTGCAATGCTGCTGCAATGCTGCAATGCTGCAATGCTGCAATG 780  
Db 721 GAAGTACTACTGCAATGTGCAATGCTGCTGCAATGCTGCAATGCTGCAATGCTGCAATG 780  
QY 781 ACTGTATAGATATAAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840  
Db 781 ACTGTATAGATATAAATGAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG 840  
QY 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCGGAGATATAAAGGCAATGGAC 900  
Db 841 GCTTCAATACCCAGGGTCTTCAAGTGTAAATGCAAGCGGAGATATAAAGGCAATGGAC 900  
QY 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAGTCTCAGAGACCTGTGTACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAATCTGTGAAGGAGTCTCAGAGACCTGTGTACCA 960  
QY 961 TCAAGACAGAAATCAAGAAAGTTGCTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAAAGTTGCTGTCTCAAAAAACAGCATGAAAAAGAGGCAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACGAGTCTCTACCCCTAAGTGCACTTCAGCCCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACGAGTCTCTACCCCTAAGTGCACTTCAGCCCT 1080  
QY 1081 TCAACTATGAAGATAGTCTTCCAGAGCGGGAACCTCTCATGGAGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGATAGTCTTCCAGAGCGGGAACCTCTCATGGAGTAAAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAGATGA 1200  
QY 1201 CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTTTCCCTAAGTGAAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAAGCTGCGAGGAGATGTGTTTTTCCCTAAGTGAAATGAAGCAGGTGA 1260  
QY 1261 ATTGCGCTGTATCTGTGTCAAAGAAAGCGGTAACTTCCAACTGGAACATAAGATTT 1320  
Db 1261 ATTGCGCTGTATCTGTGTCAAAGAAAGCGGTAACTTCCAACTGGAACATAAGATTT 1320  
QY 1321 AAATATCTCGGTGACTGTCAGCTTCAATCATGGGATCTGCTGCACTGGAAACAGGATAGAGA 1380

Db 1321 AAATATCTCGGTGACTGTCAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380  
QY 1381 AGATGATTTTGAATCGAATCCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTTGAATCGAATCCCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440  
QY 1441 TCCGGCTTTGGCAGGTTCACAGAAAGACATTTGGCCGATGAAAATCTTCTCTACCTGACCT 1500  
Db 1441 TCCGGCTTTGGCAGGTTCACAGAAAGACATTTGGCCGATGAAAATCTTCTCTACCTGACCT 1500  
QY 1501 GCACCCCAAGCAACTTCTGTTTGTCTTTTACCGCTTGGCCGAGAGACAAAGTCCG 1560  
Db 1501 GCACCCCAAGCAACTTCTGTTTGTCTTTTACCGCTTGGCCGAGAGACAAAGTCCG 1560  
QY 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACCAATGCCCTGGCATGGGAGAGAACACCGAG 1620  
Db 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACCAATGCCCTGGCATGGGAGAGAACACCGAG 1620  
QY 1621 TGAGGATGAAGCTGGAACAGGAGAAATTCAGTTGTATCAAGGAACCTGATGCTACCAA 1680  
Db 1621 TGAGGATGAAGCTGGAACAGGAGAAATTCAGTTGTATCAAGGAACCTGATGCTACCAA 1680  
QY 1681 AAGCATCATTTTGAAGCAGACGTCGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGACGTCGCAAGGCAAAACCGCGCAAAATCGCAGTGGATGG 1740  
QY 1741 CGCTTGTCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
Db 1741 CGCTTGTCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800  
QY 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGATATTCATCATAG 1860  
Db 1801 ACTATCTTTATATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGATATTCATCATAG 1860  
QY 1861 GACCTCGGCATTTTGAATTTACTAGTGAATAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCGGCATTTTGAATTTACTAGTGAATAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGATGCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGATGCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATTTATATATAAATTTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATTTATATATAAATTTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATANGTGTGATGCTTCTCTACCAA 2100  
Db 2041 TATCTCCCTCCCTGCTATATCTGATTTGTATANGTGTGATGCTTCTCTACCAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTTGGAACCTACACATCAAGATAGACTTTTGGCTTAAGTGGCTTACGCTGGCTT 2220  
Db 2161 ACTTCTTTGGAACCTACACATCAAGATAGACTTTTGGCTTAAGTGGCTTACGCTGGCTT 2220  
QY 2221 TCATAGCCAAACTTGTATATTTTAACTTTTGTATATAATAA 2260  
Db 2221 TCATAGCCAAACTTGTATATTTTAACTTTTGTATATAATAA 2260

## RESULT 33

US-10-013-917A-118  
; Sequence 118, Application US/10013917A  
; Publication No. US20040063921A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc



Db 1501 GCAACCCCAAGCAACTTCTGTTGCTCTTTGATTACCGGCTGCCGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCAGTGTGTTGAAAACACAGTAAACAATGCCCTGCATGGGAGAGACCCAGAG 1620  
Db 1561 GAAACTTCAGTGTGTTGAAAACACAGTAAACAATGCCCTGCATGGGAGAGACCCAGAG 1620  
QY 1621 TGAGGATGAAAGTGGAGACAGGAGAAATTCAGTTGTATCAAGGAACTGATGCTACAA 1680  
Db 1621 TGAGGATGAAAGTGGAGACAGGAGAAATTCAGTTGTATCAAGGAACTGATGCTACAA 1680  
QY 1681 AGCATATTTTGAAGCAGAGAGCTGGCAGGCAAAACCCGCGAATCCGAGTGGATGG 1740  
Db 1681 AGCATATTTTGAAGCAGAGAGCTGGCAGGCAAAACCCGCGAATCCGAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTGTTCAAGCTTATGTCAGATAGCCCTTTATCTGTGATGACTCAATGTT 1800  
Db 1741 CGTCTGCTGTTGTTCAAGCTTATGTCAGATAGCCCTTTATCTGTGATGACTCAATGTT 1800  
QY 1801 ACTATCTTATATTTGACTTTGTATGTCAGTTCCTCGTGTGTTTTTGTGATTTGCATCATAG 1860  
Db 1801 ACTATCTTATATTTGACTTTGTATGTCAGTTCCTCGTGTGTTTTTGTGATTTGCATCATAG 1860  
QY 1861 GACCTCTGCAATTTAGATTAAGTCTAGTCAAAATTTGTAATGTAACCAAGAAATATTTAT 1920  
Db 1861 GACCTCTGCAATTTAGATTAAGTCTAGTCAAAATTTGTAATGTAACCAAGAAATATTTAT 1920  
QY 1921 TGTAAGTCTCTTCTTTGTATAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980  
Db 1921 TGTAAGTCTCTTCTTTGTATAGATATGCAATATTTGCTTTAAATATCATATCATCTGT 1980  
QY 1981 ATCTTCTCAGTCAATTTCTGAATTTTCCNCATTTATATATAAATGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAATTTTCCNCATTTATATATAAATGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCCCTGATATCTGATTTGTATANGTANGTANGTANGTCTCTCTCAAA 2100  
Db 2041 TATCTCCCTCTCCCTGATATCTGATTTGTATANGTANGTANGTANGTCTCTCTCAAA 2100  
QY 2101 CATTTCTAGAAATAGAAAAGACACAGAGAAATGTTTACTGCTTCTCTCATATCAT 2160  
Db 2101 CATTTCTAGAAATAGAAAAGACACAGAGAAATGTTTACTGCTTCTCTCATATCAT 2160  
QY 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
Db 2161 ACTTCTTGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
QY 2221 TCATAGCCAACTTGATATTTATTTCTTTGTAATAATA 2260  
Db 2221 TCATAGCCAACTTGATATTTATTTATTTCTTTGTAATAATA 2260

RESULT 34  
US-09-999-834A-118  
; Sequence 118, Application US/09999834A  
; Publication No. US20030064407A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: ROY, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C75  
; CURRENT APPLICATION NUMBER: US/09/999,834A  
; CURRENT FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079653  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01

;; PRIOR APPLICATION NUMBER: 60/080328  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080333  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080334  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/081070  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081049  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCGG	60
Db	1	CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCGG	60
Qy	61	GCTTAGTGCTACGGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAAGA	120
Db	61	GCTTAGTGCTACGGGGTCCGGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAAGA	120
Qy	121	GGACCCGTGCGAAGTGCCTCTGCTCGAGGCTTGGCTCCCGCTCGCTGCTCTCTCTGG	180
Db	121	GGACCCGTGCGAAGTGCCTCTGCTCGAGGCTTGGCTCCCGCTCGCTGCTCTCTCTGG	180
Qy	181	TGGCAGGTGTTTCGGGAACGGCGGCAGTGCAAGGATCACGGGTTGTAGCATCGGCAC	240
Db	181	TGGCAGGTGTTTCGGGAACGGCGGCAGTGCAAGGATCACGGGTTGTAGCATCGGCAC	240
Qy	241	GTGACCGTGGGGTCTGTCACTATGGAACCTAACTGGCCCTGCTGCTACGGCTCGAAGAA	300
Db	241	GTGACCGTGGGGTCTGTCACTATGGAACCTAACTGGCCCTGCTGCTACGGCTCGAAGAA	300
Qy	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTCGATGTAAAGTTTGGTGAAGTGGTGG	360
Db	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTCGATGTAAAGTTTGGTGAAGTGGTGG	360
Qy	361	GACCAACAAATGCAGATGCTTCCAGGATACACCGGGAAACCTGCTCAGTCAAGATGTGA	420
Db	361	GACCAACAAATGCAGATGCTTCCAGGATACACCGGGAAACCTGCTCAGTCAAGATGTGA	420
Qy	421	ATGAGTGTGGAATGAAACCCCGCCCATGCCAACACAGATGTGTGAATACACCGAAGCT	480
Db	421	ATGAGTGTGGAATGAAACCCCGCCCATGCCAACACAGATGTGTGAATACACCGAAGCT	480
Qy	481	ACAAGTGTGCTTGGCTCAGTGGCCCATGCTCATGCCAGATGCTAGTGTGTGAACCTCA	540
Db	481	ACAAGTGTGCTTGGCTCAGTGGCCCATGCTCATGCCAGATGCTAGTGTGTGAACCTCA	540

Db 481 ACAAGTCTTTGGCTCAGTGGCCACATGCTCAATGCCAGATGCTAGTGTGAACTCTA 540  
Qy 541 GGACATGTGCCATGATAAACTGTGAGTACAGTGTGAGACACAGAGGAGGCGCCACAGT 600  
Db 541 GGACATGTGCCATGATAAACTGTGAGTACAGTGTGAGACACAGAGGAGGCGCCACAGT 600  
Qy 601 GCGTGTGCTCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Db 601 GCGTGTGCTCATCTCAGGACTCGGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG 660  
Qy 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGGAACATATTG 720  
Db 661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATCGAAGATGTGGAACATATTG 720  
Qy 721 GAAGCTACTACTGCAATGTCAATGCTGTTTGAAGTGTGAACTGCAATATATGAGTGTG 780  
Db 721 GAAGCTACTACTGCAATGTCAATGCTGTTTGAAGTGTGAACTGCAATATATGAGTGTG 780  
Qy 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
Db 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
Qy 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900  
Db 841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900  
Qy 901 TTCCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGACACCTGGTACCA 960  
Db 901 TTCCGCTGTCTGCTATCCCTGAAATTTCTGTGAAGGAGTCTCTCAGACACCTGGTACCA 960  
Qy 961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCACAATAACAGCATGAAAGAGGCAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCACAATAACAGCATGAAAGAGGCAAAA 1020  
Qy 1021 TTAATAATGTTTACCCAGACCCACAGGACTCTACCTCCCTAGGTTGAACTTGCAGCCCT 1080  
Db 1021 TTAATAATGTTTACCCAGACCCACAGGACTCTACCTCCCTAGGTTGAACTTGCAGCCCT 1080  
Qy 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGAGAGTAAAAAGGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGAGAGTAAAAAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAGTGA 1200  
Db 1141 AAGAGAAATGAAGAGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAGAGTGA 1200  
Qy 1201 CATAGAGAGCGAAGCTGCGAGAGATGTGTTTCCCTAAAGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAAGCTGCGAGAGATGTGTTTCCCTAAAGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTGCGCTGATTTGCTGTCGAAGGAGGCTAACTTCCAACTGGAACATGAAGATTT 1320  
Db 1261 ATTGCGCTGATTTGCTGTCGAAGGAGGCTAACTTCCAACTGGAACATGAAGATTT 1320  
Qy 1321 AAATATCTCGGTGACTGCACTTCAATCATGGAATGCTGATGCTGGAACAGGATAGA 1380  
Db 1321 AAATATCTCGGTGACTGCACTTCAATCATGGAATGCTGATGCTGGAACAGGATAGA 1380  
Qy 1381 AGATGATTTGACTGGAATCTGCTGATGAGATGATGATGATGATGATGATGATGATG 1440  
Db 1381 AGATGATTTGACTGGAATCTGCTGATGAGATGATGATGATGATGATGATGATGATG 1440  
Qy 1441 TCCGCGCTTGGCAGTCAAGAGAGCATTGGCGGATGGAATCTCTCTACCTGACCT 1500  
Db 1441 TCCGCGCTTGGCAGTCAAGAGAGCATTGGCGGATGGAATCTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTTCTGTTTGTATACCGCTGCGCGGAGCAAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTCTGTTTGTATACCGCTGCGCGGAGCAAAAGTCGG 1560  
Qy 1561 GAACTTGCAGTGTGTTGGAAGAAACAGTAACTATGCTGCTGCTGCTGCTGCTGCTG 1620  
Db 1561 GAACTTGCAGTGTGTTGGAAGAAACAGTAACTATGCTGCTGCTGCTGCTGCTGCTG 1620

Qy 1621 TGAGGATGAAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACCTGATGTACCAA 1680  
Db 1621 TGAGGATGAAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACCTGATGTACCAA 1680  
Qy 1681 AAGCATCAATTTTGAAGCAGAAAGTGGCAAGGGAATAATTCAGTTGTATCAAGGAACCTG 1740  
Db 1681 AAGCATCAATTTTGAAGCAGAAAGTGGCAAGGGAATAATTCAGTTGTATCAAGGAACCTG 1740  
Qy 1741 CGCTTGTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTCGATGATGATGATG 1800  
Db 1741 CGCTTGTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTCGATGATGATGATG 1800  
Qy 1801 ACTATCTTATATTTGACTTGTATGTCAGTTCCCTGCTGCTGCTGCTGCTGCTGCTGCT 1860  
Db 1801 ACTATCTTATATTTGACTTGTATGTCAGTTCCCTGCTGCTGCTGCTGCTGCTGCTGCT 1860  
Qy 1861 GACTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTAAATGATGACCAACAGAAAAATTTAT 1920  
Db 1861 GACTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTAAATGATGACCAACAGAAAAATTTAT 1920  
Qy 1921 TGTAAGATGCTTCTTGTATTAAGATATGCAATATTTGCTTTAAATATATCATCATCTGT 1980  
Db 1921 TGTAAGATGCTTCTTGTATTAAGATATGCAATATTTGCTTTAAATATATCATCATCTGT 1980  
Qy 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAATCTTTCCNCAATATATATAAAATNTGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCCTGCTGATATCTGATTTGTATFANGTGTGATGCTTCTCTCTACAA 2100  
Db 2041 TATCTCCCTCCCTGCTGATATCTGATTTGTATFANGTGTGATGCTTCTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
Qy 2161 ACTTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAAGTGGCTTGTAGTGGTCTT 2220  
Db 2161 ACTTTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAAGTGGCTTGTAGTGGTCTT 2220  
Qy 2221 TCATAGCCAACTGATATATTTAAATCTTTTGTAAATAATAA 2260  
Db 2221 TCATAGCCAACTGATATATTTAAATCTTTTGTAAATAATAA 2260

RESULT 35  
US-10-162-521A-118  
; Sequence 118, Application US/10162521A  
; Publication No. US20030211092A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Deenoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara Napoleon  
; APPLICANT: Flivaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC55  
CURRENT APPLICATION NUMBER: US/10/162,521A  
CURRENT FILING DATE: 2002-11-29  
PRIORITY APPLICATION NUMBER: 09/918585  
PRIORITY FILING DATE: 2001-07-30  
PRIORITY APPLICATION NUMBER: 60/062250  
PRIORITY FILING DATE: 1997-10-17  
PRIORITY APPLICATION NUMBER: 60/064249  
PRIORITY FILING DATE: 1997-11-03  
PRIORITY APPLICATION NUMBER: 60/065311  
PRIORITY FILING DATE: 1997-11-13  
PRIORITY APPLICATION NUMBER: 60/066364  
PRIORITY FILING DATE: 1997-11-21  
PRIORITY APPLICATION NUMBER: 60/077450  
PRIORITY FILING DATE: 1998-03-10  
PRIORITY APPLICATION NUMBER: 60/077632  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077641  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077649  
PRIORITY FILING DATE: 1998-03-11  
PRIORITY APPLICATION NUMBER: 60/077791  
PRIORITY FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 118  
LENGTH: 2260  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: unsure  
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
OTHER INFORMATION: unknown base  
US-10-162-521A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGGCGGCG	60
DB	1	CGGACGCTGGGTGGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGGAGGAGGCGGCG	60
QY	61	GCTTAGCTCTACGGGTCGCGCGCGGCGGCTCCGAGGCGGCTCAGGAGGAGGAGGA	120
DB	61	GCTTAGCTCTACGGGTCGCGCGCGGCGGCTCCGAGGCGGCTCAGGAGGAGGAGGA	120
QY	121	GGACCGCTCGGAGATGCTCTGCGCTGGAGCTTGGCGCTCCGCTGCTCTCTGGG	180
DB	121	GGACCGCTCGGAGATGCTCTGCGCTGGAGCTTGGCGCTCCGCTGCTCTCTGGG	180
QY	181	TGGCAGGTGGTTTCGGGAAACGCGGCACTGCAAGGCACTACGGTGTGTAGCATCGGCAC	240
DB	181	TGGCAGGTGGTTTCGGGAAACGCGGCACTGCAAGGCACTACGGTGTGTAGCATCGGCAC	240
QY	241	GTGAGCTGGGTCTGCTCACTATGAACTAACTGGCTGCTGCTACGGCTGGAGAGAA	300
DB	241	GTGAGCTGGGTCTGCTCACTATGAACTAACTGGCTGCTGCTACGGCTGGAGAGAA	300
QY	301	ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGAATGTAAGTTGGTGGTGGTGG	360
DB	301	ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGGAATGTAAGTTGGTGGTGGTGG	360
QY	361	GACCAACAAATGCAATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGTA	420
DB	361	GACCAACAAATGCAATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGTA	420

QY	421	ATGAGTGTGGAATGAAACCCCGCCATGCGCAACACAGATGTGTGAATACACACGGAAGCT	480
DB	421	ATGAGTGTGGAATGAAACCCCGCCATGCGCAACACAGATGTGTGAATACACACGGAAGCT	480
QY	481	ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAATCTTA	540
DB	481	ACAAGTGTCTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGTGTGTGAATCTTA	540
QY	541	GGACATGTGCCATGATAAACTGTCACTAGACGTGTGAAGACACAGAAAGAGGCGCCACAGT	600
DB	541	GGACATGTGCCATGATAAACTGTCACTAGACGTGTGAAGACACAGAAAGAGGCGCCACAGT	600
QY	601	GCCTGTGTCATCTCTCAGGACTCCGCTGGCCCAATGGAAGAGACTCTCTAGATATTG	660
DB	601	GCCTGTGTCATCTCTCAGGACTCCGCTGGCCCAATGGAAGAGACTCTCTAGATATTG	660
QY	661	ATGAATGTGCTCTGGTAAAGTCAATCTGCTCCCTACAACTGGAAGATGTGTGAACACATTTG	720
DB	661	ATGAATGTGCTCTGGTAAAGTCAATCTGCTCCCTACAACTGGAAGATGTGTGAACACATTTG	720
QY	721	GAAGTACTACTGCAAAATGTCAATTTGGTTTGAAGTCACTGCAATATATCACTGGAAGATG	780
DB	721	GAAGTACTACTGCAAAATGTCAATTTGGTTTGAAGTCACTGCAATATATCACTGGAAGATG	780
QY	781	ACTGTATAGATATAAATGAATGTACTATGATAGTACCACTAGTGCAGCCACCAATGCAAT	840
DB	781	ACTGTATAGATATAAATGAATGTACTATGATAGTACCACTAGTGCAGCCACCAATGCAAT	840
QY	841	GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGAGGATATAAAGGCAATGGAC	900
DB	841	GCTTCAATACCAAGGTCCTTCAAGTGTAAATGCAAGCGAGGATATAAAGGCAATGGAC	900
QY	901	TTCCGTGTCTCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGCTGTGTACCA	960
DB	901	TTCCGTGTCTCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGCAGCTGTGTACCA	960
QY	961	TCAAAGACAGAAATCAAGAAGTTGCTTCTCAAAAAACAGCATGAAAGAGAGGCAAAA	1020
DB	961	TCAAAGACAGAAATCAAGAAGTTGCTTCTCAAAAAACAGCATGAAAGAGAGGCAAAA	1020
QY	1021	TTAAAAATGTTACCCAGAGACCCACAGGACTCTTCCCTAAGGTGAATCTTCAGCCCT	1080
DB	1021	TTAAAAATGTTACCCAGAGACCCACAGGACTCTTCCCTAAGGTGAATCTTCAGCCCT	1080
QY	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGGAGGTAAAAAGGGAATG	1140
DB	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCTCATGGAGGTAAAAAGGGAATG	1140
QY	1141	AAGAGAAATGAAGAGGCTTGGAGATGAGAAAGAGAGAGAGAGCCCTGGAAGATGA	1200
DB	1141	AAGAGAAATGAAGAGGCTTGGAGATGAGAAAGAGAGAGAGAGCCCTGGAAGATGA	1200
QY	1201	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTCCTTAAGGTGAATGAAGCAGGTGA	1260
DB	1201	CATAGAGAGCGAAGCCCTGCGAGGAGATGTGTTCCTTAAGGTGAATGAAGCAGGTGA	1260
QY	1261	ATTGCGCTGATTTCTGTCGAAGAGAGCGCTAACTTCCAAACTGGAACATGAAGATTT	1320
DB	1261	ATTGCGCTGATTTCTGTCGAAGAGAGCGCTAACTTCCAAACTGGAACATGAAGATTT	1320
QY	1321	AAATATCTCGGTGACCTGACGCTTCAATCATGGATCTGTGACTGGAAACAGGATAGAGA	1380
DB	1321	AAATATCTCGGTGACCTGACGCTTCAATCATGGATCTGTGACTGGAAACAGGATAGAGA	1380
QY	1381	AGATGATTTGACCTGGAATCTCTGCTGATCGAGATTAATCTATTGGCTTCTATATGCACT	1440
DB	1381	AGATGATTTGACCTGGAATCTCTGCTGATCGAGATTAATCTATTGGCTTCTATATGCACT	1440
QY	1441	TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTGAAACTTCTCCTACTGACCT	1500
DB	1441	TCCGCGCTTGGCAGGTCAAGAAAGACATTGGCCGATTGAAACTTCTCCTACTGACCT	1500





301	QY	ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGCGATTAAGTTTGGTGTGATCGGTGG	360
301	DB	ACAGCAAGGGAGTCTGTGAAGCTACATGCGAACCTGCGATTAAGTTTGGTGTGATCGGTGG	360
361	QY	GACCAAAACAATGCAGATGCTTTCCAGGATACACCGGGAAAACTGCGAGTCAAGATGTGA	420
361	DB	GACCAAAACAATGCAGATGCTTTCCAGGATACACCGGGAAAACTGCGAGTCAAGATGTGA	420
421	QY	ATGAGTGTGGAAATGAACCCCGGCCATGCGCAACACAGATGTGTGAATACACACGGAACT	480
421	DB	ATGAGTGTGGAAATGAACCCCGGCCATGCGCAACACAGATGTGTGAATACACACGGAACT	480
481	QY	ACAAGTGTCTTTCCTCAGTGGCCATGCTCATGCCAGATGCTACGTGTGTGAACTCTTA	540
481	DB	ACAAGTGTCTTTCCTCAGTGGCCATGCTCATGCCAGATGCTACGTGTGTGAACTCTTA	540
541	QY	GGACATGTGCATGATAAACTGTTCAGTACAGCTGTGAGACACACAGAAAGGGCCACACT	600
541	DB	GGACATGTGCATGATAAACTGTTCAGTACAGCTGTGAGACACACAGAAAGGGCCACACT	600
601	QY	GCCTGTGTCCATCTCCAGGACTCCGGCTGGCCCCAAAATGGGAAGAGACTGTCTAGATATTG	660
601	DB	GCCTGTGTCCATCTCCAGGACTCCGGCTGGCCCCAAAATGGGAAGAGACTGTCTAGATATTG	660
661	QY	ATGAATGTGCTCTGCTGAAGTCACTGTGCTCCATCAATCGGAAGATGTGGAACACATTTCG	720
661	DB	ATGAATGTGCTCTGCTGAAGTCACTGTGCTCCATCAATCGGAAGATGTGGAACACATTTCG	720
721	QY	GAACTACTACTGCAAAATGTCAATTGGTTTGGAACTGCAATATATACAGTGGACGATATG	780
721	DB	GAACTACTACTGCAAAATGTCAATTGGTTTGGAACTGCAATATATACAGTGGACGATATG	780
781	QY	ACTGTATAGATATAAATGAAATGTACTATGGATAGCCATACGTGAGCCACCATCGCCAAAT	840
781	DB	ACTGTATAGATATAAATGAAATGTACTATGGATAGCCATACGTGAGCCACCATCGCCAAAT	840
841	QY	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC	900
841	DB	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC	900
901	QY	TTTCGGTGTTCCTATCCCTGAAAAATCTGTGAAGAGATGCTCTCAGAGCAGCTGTGTACCA	960
901	DB	TTTCGGTGTTCCTATCCCTGAAAAATCTGTGAAGAGATGCTCTCAGAGCAGCTGTGTACCA	960
961	QY	TCAAAGACAGAAATCAAGAAAGTTCCTCAACAAAAACAGCATGAAAAAGAGGCAAAAA	1020
961	DB	TCAAAGACAGAAATCAAGAAAGTTCCTCAACAAAAACAGCATGAAAAAGAGGCAAAAA	1020
1021	QY	TTAAAAATGTTTACCCCGAGAACCCACAGAGCTCTTACCCCTAAGGTGAATCTGCAGCCCT	1080
1021	DB	TTAAAAATGTTTACCCCGAGAACCCACAGAGCTCTTACCCCTAAGGTGAATCTGCAGCCCT	1080
1081	QY	TCAACTATGAGAGATAGTTTCAGAGGGGGAACTCTCATGAGGTAAAAAAGGGGAATG	1140
1081	DB	TCAACTATGAGAGATAGTTTCAGAGGGGGAACTCTCATGAGGTAAAAAAGGGGAATG	1140
1141	QY	AAGAAATGAAAGAGGGGCTTGAGATGAGAAAAAGAGAAAGCCCTCGAAGATGA	1200
1141	DB	AAGAAATGAAAGAGGGGCTTGAGATGAGAAAAAGAGAAAGCCCTCGAAGATGA	1200
1201	QY	CATGAGAGCGAAGCCTGCGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
1201	DB	CATGAGAGCGAAGCCTGCGAGGAGATGTGTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
1261	QY	ATTTCGGCTGATTTCTGCTCAAAGGAAGCGCTAACTTCCAAACTGGAACTATAAGATTT	1320
1261	DB	ATTTCGGCTGATTTCTGCTCAAAGGAAGCGCTAACTTCCAAACTGGAACTATAAGATTT	1320
1321	QY	AAATATCTCGTGTGATCTGCAGCTTCATATCATGGATCTGTGCTCGAACAAGGATAGAGA	1380
1321	DB	AAATATCTCGTGTGATCTGCAGCTTCATATCATGGATCTGTGCTCGAACAAGGATAGAGA	1380
1381	QY	AGATGATTTTGACTGGAATCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT	1440

Db	1381	AGATGATTTT	GACTGGAA	TCCTGCTATCGAGTAA	NTGCTATTGGCTTCTATATGGCAGT	1440
Qy	1441	TCCGCGCTT	GCGAGGT	CACAAGAAAG	CATTGGCCGATTTGAAACTTCTCTTACCTGACCT	1500
Db	1441	TCCGCGCTT	GCGAGGT	CACAAGAAAG	CATTGGCCGATTTGAAACTTCTCTTACCTGACCT	1500
Qy	1501	GCAACCCCA	AGCAACTT	CTGTTTGTCTTT	GTATACCGGCTTGCCGGAGACAAGTCGG	1560
Db	1501	GCAACCCCA	AGCAACTT	CTGTTTGTCTTT	GTATACCGGCTTGCCGGAGACAAGTCGG	1560
Qy	1561	GAAACTTCG	AGTGT	TTGTGAAAAA	CAGTAAACATGCCCTTGGCATGGGAGAACACAG	1620
Db	1561	GAAACTTCG	AGTGT	TTGTGAAAAA	CAGTAAACATGCCCTTGGCATGGGAGAACACAG	1620
Qy	1621	TGAGGATGA	AAAGTGG	NAGACAGGGA	AAATTCAGTTGTATCAAGAACTGATGCTACCAA	1680
Db	1621	TGAGGATGA	AAAGTGG	NAGACAGGGA	AAATTCAGTTGTATCAAGAACTGATGCTACCAA	1680
Qy	1681	AAGCATCA	TTTTTTGA	CGACGAAC	GTGGCAGGCGCAAAACCCGCGAAATTCGACGTGGATGG	1740
Db	1681	AAGCATCA	TTTTTTGA	CGACGAAC	GTGGCAGGCGCAAAACCCGCGAAATTCGACGTGGATGG	1740
Qy	1741	CGTCTGCTG	TTTTCAG	CGCTTATG	TCCAGATAGCCCTTTATCTGTGGATGATGTAATGTT	1800
Db	1741	CGTCTGCTG	TTTTCAG	CGCTTATG	TCCAGATAGCCCTTTATCTGTGGATGATGTAATGTT	1800
Qy	1801	ACTATCTTT	ATATTTG	ACTTTGAT	CTGTCAGTTCCTTGGTTTTTTTGAATTTGCCATCATAG	1860
Db	1801	ACTATCTTT	ATATTTG	ACTTTGAT	CTGTCAGTTCCTTGGTTTTTTTGAATTTGCCATCATAG	1860
Qy	1861	GACCTCTGG	CAATTTTGA	GAATTA	CTAGCTGAAAAATTTGTAATGTACCAACAGAAAAATTTAT	1920
Db	1861	GACCTCTGG	CAATTTTGA	GAATTA	CTAGCTGAAAAATTTGTAATGTACCAACAGAAAAATTTAT	1920
Qy	1921	TGTRAGATG	CCCTTCT	TGTGATA	GATATGCCAATATTTGCTTTTAAATATCATATCACCTGT	1980
Db	1921	TGTRAGATG	CCCTTCT	TGTGATA	GATATGCCAATATTTGCTTTTAAATATCATATCACCTGT	1980
Qy	1981	ATCTTCTCA	GTCATTTCT	GCAATCTTTCC	NCATTAATATAAATNTGGAANGTCAGTT	2040
Db	1981	ATCTTCTCA	GTCATTTCT	GCAATCTTTCC	NCATTAATATAAATNTGGAANGTCAGTT	2040
Qy	2041	TATCTCCCT	CCCTCNG	GTATATCTG	ATTTGTATANGTATGATGCTCTCTCTACAA	2100
Db	2041	TATCTCCCT	CCCTCNG	GTATATCTG	ATTTGTATANGTATGATGCTCTCTCTACAA	2100
Qy	2101	CATTTCTAG	AAAAATAG	AAAAAAG	CACAGAGAAATGTTTAACTGTTTGACCTTTATGAT	2160
Db	2101	CATTTCTAG	AAAAATAG	AAAAAAG	CACAGAGAAATGTTTAACTGTTTGACCTTTATGAT	2160
Qy	2161	ACTCTCTG	GAAACTAT	GACATCA	AAAGATAGCTTTTGCCCTAAGTGGCTTAGCTGGGCTCT	2220
Db	2161	ACTCTCTG	GAAACTAT	GACATCA	AAAGATAGCTTTTGCCCTAAGTGGCTTAGCTGGGCTCT	2220
Qy	2221	TCATAGC	CAAACTT	GTATATTTAA	TCTTTTGTAAATATAA	2260
Db	2221	TCATAGC	CAAACTT	GTATATTTAA	TCTTTTGTAAATATAA	2260

RESULT 37  
US-10-145-088A-118  
; Sequence 118, Application US/10145088A  
; Publication No. US2003020343A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Flvaroff, Ellen  
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Geritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC49  
CURRENT FILING DATE: 2002-10-10, 088A  
CURRENT FILING DATE: 2002-10-10  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 118  
LENGTH: 2260  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: unsure  
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
OTHER INFORMATION: unknown base  
US-10-145-088A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACCGGTGGTCCAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGCGCG 60  
DB 1 CGGACCGGTGGTCCAGTGGAGCGGAGGACCGGAGCGGCTGAGGAGAGAGGCGCG 60  
QY 61 GCTTAGCTGTACGGGGTCCGGCGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTGTACGGGGTCCGGCGCGCGCCCTCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
QY 121 GGACCCGTGGAGAAATGCTCTGCCCTGAGCGCTTCCCGTCTCCCTCTCTCTCTGG 180  
DB 121 GGACCCGTGGAGAAATGCTCTGCCCTGAGCGCTTCCCGTCTCCCTCTCTCTCTGG 180  
QY 181 TGGCAGGTGGTTTCGGGAACCGCGGCAGTGCAGGCGATCACGGGTGTTAGCATCGGCAC 240

181 TGGCAGGTGGTTTCGGGAACCGCGGCAGTGCAGGCGATCACGGGTGTTAGCATCGGCAC 240  
QY 241 GTGAGCGTGGGGTCTGTCACTATGGAACTAAATGCGCTGCTGCTACGCTGAGAGAA 300  
DB 241 GTGAGCGTGGGGTCTGTCACTATGGAACTAAATGCGCTGCTGCTACGCTGAGAGAA 300  
QY 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGATGTAAGTTTGGTGGTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAGCTACATCGGAACCTGATGTAAGTTTGGTGGTGG 360  
QY 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTA 420  
DB 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCAGTCAAGATGTA 420  
QY 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAACACACAGATGTGTAATACACCGAAGCT 480  
DB 421 ATGAGTGTGAATGAAACCCCGGCCATGCCAACACACAGATGTGTAATACACCGAAGCT 480  
QY 481 ACAAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGAATCTTA 540  
DB 481 ACAAGTGTGCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGAATCTTA 540  
QY 541 GGACATGTGCCATGATAAACTGTCACTACAGCTGTGAAGACACAGAGAGAGGCGCCAGT 600  
DB 541 GGACATGTGCCATGATAAACTGTCACTACAGCTGTGAAGACACAGAGAGAGGCGCCAGT 600  
QY 601 GCCTGTGCTCATCTCAGGAGTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
DB 601 GCCTGTGCTCATCTCAGGAGTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTTGGTAAAGTCACTGTCCCTACATCGAAGATGTGTGAACACATTTG 720  
DB 661 ATGAATGTGCTTGGTAAAGTCACTGTCCCTACATCGAAGATGTGTGAACACATTTG 720  
QY 721 GAAGCTACTACTGCAAAATGTCATTTGAACTGCAATATATCAGTGGAGAGATG 780  
DB 721 GAAGCTACTACTGCAAAATGTCATTTGAACTGCAATATATCAGTGGAGAGATG 780  
QY 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
DB 781 ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATGATG 840  
QY 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGTAATGTAATGTAATGTAATGTAATG 900  
DB 841 GCTTCAATACCAAGGGTCTTCAAGTGTAAATGTAATGTAATGTAATGTAATGTAATG 900  
QY 901 TTCGGTGTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGGAGTCTTGGTACCA 960  
DB 901 TTCGGTGTGCTATCCCTGAAATTTCTGTGAAGAGTCTCTCAGAGGAGTCTTGGTACCA 960  
QY 961 TCAAGACAGAGATCAAGAGTGTGCTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
DB 961 TCAAGACAGAGATCAAGAGTGTGCTCTCAAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCAGGACTCTTACCCCTAAGGTGAACTTTGAGCGCT 1080  
DB 1021 TTAATAATGTTACCCAGAACCCAGGACTCTTACCCCTAAGGTGAACTTTGAGCGCT 1080  
QY 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGAGTAAAAAGGGAATG 1140  
DB 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGAGTAAAAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAAGAGGGGCTTGGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAG 1200  
DB 1141 AAGAGAAATGAAAGAGGGGCTTGGAGATGAGAAAGAGAGAGAGAGAGAGAGAGAGAG 1200  
QY 1201 CATAG 1260  
DB 1201 CATAG 1260  
QY 1261 ATTGCGCTGATTTGCTGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320

Db 1261 ATTGGCCCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAACTGGAAACATAAGATTT 1320  
Qy 1321 AATATCTCGGTGACGCTGAGCTTCAATCATGGGATCTGACCTGGAAACAGGATAGAGA 1380  
Db 1321 AATATCTCGGTGACGCTGAGCTTCAATCATGGGATCTGACCTGGAAACAGGATAGAGA 1380  
Qy 1381 AGATGATTGACGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTGACGGAATCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
Qy 1441 TCGGCTTGGCAGGTCACAGAAAGACATTTGGCGGATTTGAACTTCTCCACTGACCT 1500  
Db 1441 TCGGCTTGGCAGGTCACAGAAAGACATTTGGCGGATTTGAACTTCTCCACTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560  
Qy 1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCCCTGGCATGGGAGAGACACGAG 1620  
Db 1561 GAACTTCGAGTGTGTTGTAAGAAACAGTAACATGCCCTGGCATGGGAGAGACACGAG 1620  
Qy 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTTACCAA 1680  
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAATGATGCTTACCAA 1680  
Qy 1681 AAGCATATTTTGAAGCAGAACTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATATTTTGAAGCAGAACTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATCAATGTT 1800  
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGATCAATGTT 1800  
Qy 1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCTGCTGCTTTTATGATTTGATCATATG 1860  
Db 1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCTGCTGCTTTTATGATTTGATCATATG 1860  
Qy 1861 GACCTCTGGATTTTGAATTAAGATTAAGTAAATGTAATGTAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGATTTTGAATTAAGATTAAGTAAATGTAATGTAACAGAAATATTAT 1920  
Qy 1921 TGTAAAGTGCCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAAGTGCCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGATATCTTCCNCAATATATTAATAATGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGATATCTTCCNCAATATATTAATAATGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAATAGAAAAGACACAGAAATGTTTAACTGTTTCACTTCTATGAT 2160  
Db 2101 CATTTCTAGAAATAGAAAAGACACAGAAATGTTTAACTGTTTCACTTCTATGAT 2160  
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGCCTTAGCTGGTCTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTAAGTGCCTTAGCTGGTCTT 2220  
Qy 2221 TCATAGCCAACTGTTATATTTAACTTCTTGTAAATAA 2260  
Db 2221 TCATAGCCAACTGTTATATTTAACTTCTTGTAAATAA 2260

RESULT 38  
US-10-145-092A-118  
; Sequence 118, Application US/10145092A  
; Publication No. US20030203435A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC45  
; CURRENT APPLICATION NUMBER: US/10/145,092A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 118  
; LENGTH: 2260  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 2009, 2026, 2033, 2056, 2074, 2078, 2086  
; OTHER INFORMATION: unknown base  
US-10-145-092A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGGCGCG 60  
Db 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGGCGCG 60  
Qy 61 GCTTAGCTGCTACGGGTCGCGGCTCCGCGCGGCTCCGAGGGGGCTCAGGAGGAGGAAGA 120

Db 61 GCTTAGCTGCTACGGGGTCGGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGA 120  
Qy 121 GGAACCGTGGAGAAATGCTCTGCGCTGGAGCCTTGGCTCCCGCTGCTCTCTCTGG 180  
Db 121 GGAACCGTGGAGAAATGCTCTGCGCTGGAGCCTTGGCTCCCGCTGCTCTCTCTGG 180  
Qy 181 TGGCAGGTGGTTTGGGAAACGGCGCAGTGCAAGGCATCACGGGTGTTAGCATCGGCAC 240  
Db 181 TGGCAGGTGGTTTGGGAAACGGCGCAGTGCAAGGCATCACGGGTGTTAGCATCGGCAC 240  
Qy 241 GTACAGCTGGGTCTGTCACTATGAAATAACTGGGCTGTCTGACGGCTGGAGAA 300  
Db 241 GTACAGCTGGGTCTGTCACTATGAAATAACTGGGCTGTCTGACGGCTGGAGAA 300  
Qy 301 ACAGCAAGGAGCTGTGAAGCTACATCGAACCTGGATGTAAAGTTGGTGGTGGTGG 360  
Db 301 ACAGCAAGGAGCTGTGAAGCTACATCGAACCTGGATGTAAAGTTGGTGGTGGTGG 360  
Qy 361 GACCAAAACAAATGACAGTCTTCCAGGATACACGGGAAACCTGCAGTCAAGATGGA 420  
Db 361 GACCAAAACAAATGACAGTCTTCCAGGATACACGGGAAACCTGCAGTCAAGATGGA 420  
Qy 421 ATGAGTGGGAATGAACCCCGGCCATGCCAACAGATGTGAATACACAGGAGCT 480  
Db 421 ATGAGTGGGAATGAACCCCGGCCATGCCAACAGATGTGAATACACAGGAGCT 480  
Qy 481 ACAAGTGTCTTGGCTCTCAGTGGCCCATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
Db 481 ACAAGTGTCTTGGCTCTCAGTGGCCCATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
Qy 541 GGAATGTGCCATGATTAACCTGTGATACAGTGTGAAGACACAGAGAGGGCCACAGT 600  
Db 541 GGAATGTGCCATGATTAACCTGTGATACAGTGTGAAGACACAGAGAGGGCCACAGT 600  
Qy 601 GCTGTGTCCATCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATG 660  
Db 601 GCTGTGTCCATCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATATG 660  
Qy 661 ATGAATGTGCTCTGTGAAAGTCACTGTCCCTCAATCGAAGATGTGTGAACATTTG 720  
Db 661 ATGAATGTGCTCTGTGAAAGTCACTGTCCCTCAATCGAAGATGTGTGAACATTTG 720  
Qy 721 GAAGCTACTACTGCAATGTCAATGTGTTTGGAACTGCAATATATCAGTGGAGATG 780  
Db 721 GAAGCTACTACTGCAATGTCAATGTGTTTGGAACTGCAATATATCAGTGGAGATG 780  
Qy 781 ACTGTATAGATATAAATGAATGATATGATGATGATGATGATGATGATGATGATGAT 840  
Db 781 ACTGTATAGATATAAATGAATGATATGATGATGATGATGATGATGATGATGATGAT 840  
Qy 841 GCTTCATATCCCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900  
Db 841 GCTTCATATCCCAAGGTCCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900  
Qy 901 TCCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGAAATCTCTCAGAGCACTGTGATCA 960  
Db 901 TCCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGAAATCTCTCAGAGCACTGTGATCA 960  
Qy 961 TCAAGACAGATCAAGAGTCTGCTGCTCACAAAACAGATGAAAGAGAGGCAAAA 1020  
Db 961 TCAAGACAGATCAAGAGTCTGCTGCTCACAAAACAGATGAAAGAGAGGCAAAA 1020  
Qy 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCCTA CCCCCTAAGGTGAACCTGACGCCCT 1080  
Db 1021 TTAATAATGTTTACCCAGAACCCACAGGACTCCTA CCCCCTAAGGTGAACCTGACGCCCT 1080  
Qy 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGACTCTCATGAGGTAAAGAGGGAATG 1140  
Db 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGACTCTCATGAGGTAAAGAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGCTTGAAGGTGAGAAAGAGAGAGAAAGCCCTGAGAAATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGCTTGAAGGTGAGAAAGAGAGAGAAAGCCCTGAGAAATGA 1200

Qy 1201 CATAGAGAGCGAGCCTCGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAGCCTCGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTGGGCTGATTTCTGTGCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320  
Db 1261 ATTGGGCTGATTTCTGTGCCAAAGGAAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320  
Qy 1321 AAATATCTCGGTGACCTGACAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAG 1380  
Db 1321 AAATATCTCGGTGACCTGACAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAG 1380  
Qy 1381 AGATGATTTTCACTGGAAATCTCTGATTCGAGATATGCTATTGGCTTCTATATGCACT 1440  
Db 1381 AGATGATTTTCACTGGAAATCTCTGATTCGAGATATGCTATTGGCTTCTATATGCACT 1440  
Qy 1441 TCCGCTCTGACAGCTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGCTCTGACAGCTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTTCTGTTTTGATTAACGGCTGCGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTTGATTAACGGCTGCGCGGAGACAAAGTCGG 1560  
Qy 1561 GAACTTTCGAGTGTGTTGAAAAACAGTAACTATGCTGCTGGCATGGAGAAAGCAAG 1620  
Db 1561 GAACTTTCGAGTGTGTTGAAAAACAGTAACTATGCTGCTGGCATGGAGAAAGCAAG 1620  
Qy 1621 TGAGATGAAAGTGGAAAGACAGGAAAAATTCAGTTGTAACAAGGAATGATGCTACCAA 1680  
Db 1621 TGAGATGAAAGTGGAAAGACAGGAAAAATTCAGTTGTAACAAGGAATGATGCTACCAA 1680  
Qy 1681 AAGCATCTTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCTTTTGAAGCAGAACCTGGCAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTGTGTTTTTCAAGCTTATGTCAGATAGCCTTTTATCTGTGATGATGATGAT 1800  
Db 1741 CGTCTGTGTTTTTCAAGCTTATGTCAGATAGCCTTTTATCTGTGATGATGATGATGAT 1800  
Qy 1801 ACTATCTTATATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
Db 1801 ACTATCTTATATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
Qy 1861 GACCTCTGCAATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTAACCAAGAAATATAT 1920  
Db 1861 GACCTCTGCAATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTAACCAAGAAATATAT 1920  
Qy 1921 TGTAAAGATGCTTCTGATTAAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980  
Db 1921 TGTAAAGATGCTTCTGATTAAGATATGCCAATATTTGCTTTAAATATCATATCATCTGT 1980  
Qy 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCAATTAATTAATAAATNTGAAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCAATTTCTGAAATCTTTCCNCAATTAATTAATAAATNTGAAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCTCTGATATCTGATTTGATFANGTGTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCTCTGATATCTGATTTGATFANGTGTGATGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAAAAGAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Db 2101 CATTTCTAGAAAAAGAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Qy 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGCTCTT 2220  
Db 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGGCTAAGTGGCTTAGCTGGCTCTT 2220  
Qy 2221 TCATAGCCAACTGATATATTTTAAATCTTTTGTAAATAATAA 2260  
Db 2221 TCATAGCCAACTGATATATTTTAAATCTTTTGTAAATAATAA 2260

RESULT 39  
US-10-145-129A-118  
; Sequence 118, Application US/10145129A  
; Publication No. US20030203436A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Grøttengen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Thomas, Daniel  
; APPLICANT: Williams, F. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C51  
; CURRENT APPLICATION NUMBER: US/10/145,129A  
; CURRENT FILING DATE: 2002-10-10  
; PRIORITY APPLICATION NUMBER: 09/918585  
; PRIORITY FILING DATE: 2001-07-30  
; PRIORITY APPLICATION NUMBER: 60/062250  
; PRIORITY FILING DATE: 1997-10-17  
; PRIORITY APPLICATION NUMBER: 60/064249  
; PRIORITY FILING DATE: 1997-11-03  
; PRIORITY APPLICATION NUMBER: 60/065311  
; PRIORITY FILING DATE: 1997-11-13  
; PRIORITY APPLICATION NUMBER: 60/066364  
; PRIORITY FILING DATE: 1997-11-21  
; PRIORITY APPLICATION NUMBER: 60/077450  
; PRIORITY FILING DATE: 1998-03-10  
; PRIORITY APPLICATION NUMBER: 60/077632  
; PRIORITY FILING DATE: 1998-03-11  
; PRIORITY APPLICATION NUMBER: 60/077641  
; PRIORITY FILING DATE: 1998-03-11  
; PRIORITY APPLICATION NUMBER: 60/077649  
; PRIORITY FILING DATE: 1998-03-11  
; PRIORITY APPLICATION NUMBER: 60/077791  
; PRIORITY FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 118  
; LENGTH: 2260  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 209, 2026, 2033, 2055, 2074, 2078, 2086  
; OTHER INFORMATION: unknown base  
US-10-145-129A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCTGGGTGGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG	60
DB	1	CGGACGCTGGGTGGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG	60
QY	61	GCTTAGCTGCTAGCGGGTCCGCGCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGA	120
DB	61	GCTTAGCTGCTAGCGGGTCCGCGCGCGGCTCCCGAGGGGGGCTCAGGAGGAGGAGGA	120
QY	121	GGACCCGCTGCGAGAAATGCTCTGCGCTCGAGCTGAGCTCCCGCTCTCTCTCTCTGG	180
DB	121	GGACCCGCTGCGAGAAATGCTCTGCGCTCGAGCTGAGCTCCCGCTCTCTCTCTCTGG	180
QY	181	TGGCAGGTGGTTTCGGGAAACCGCGGCGAGTGCAGAGCATCAAGGTTGTTAGCATCGGCAC	240
DB	181	TGGCAGGTGGTTTCGGGAAACCGCGGCGAGTGCAGAGCATCAAGGTTGTTAGCATCGGCAC	240
QY	241	GTGAGCTGGGGTCTGTCTACATATGAACTAACTATGCGCTGCTGCTAGCGGCTGAGAGAA	300
DB	241	GTGAGCTGGGGTCTGTCTACATATGAACTAACTATGCGCTGCTGCTAGCGGCTGAGAGAA	300
QY	301	ACAGCAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG	360
DB	301	ACAGCAGGGAGTCTGTGAGCTACATCGGAACCTGGATGTAAGTTTGGTGGTGGTGG	360
QY	361	GACCAACCAATGCGAGTCTTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGGA	420
DB	361	GACCAACCAATGCGAGTCTTTCCAGGATACACCGGGGAAACCTGCGAGTCAAGATGGA	420
QY	421	ATGAGTGTGGATGAAACCGCGGCGAGTGCAGAGCATGTTGTAATACACACGAGAGCT	480
DB	421	ATGAGTGTGGATGAAACCGCGGCGAGTGCAGAGCATGTTGTAATACACACGAGAGCT	480
QY	481	ACAAGTGTCTTTGCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAATCTA	540
DB	481	ACAAGTGTCTTTGCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTAATCTA	540
QY	541	GGACATGTGCCATGATAACTGTGAGTACAGCTGTGAGACACAGAGAGAGGCGCCAGT	600
DB	541	GGACATGTGCCATGATAACTGTGAGTACAGCTGTGAGACACAGAGAGAGGCGCCAGT	600
QY	601	GCCTGTGCTCATCTCAGGACTCCGCTGGCCGCGGCGGCGGCGGCGGCGGCGGCGG	660
DB	601	GCCTGTGCTCATCTCAGGACTCCGCTGGCCGCGGCGGCGGCGGCGGCGGCGGCGG	660
QY	661	ATGAATGTGCTCTGTGTAAGTCACTGCTCCCTCAATCGAAGATGTGAAACACATTTG	720
DB	661	ATGAATGTGCTCTGTGTAAGTCACTGCTCCCTCAATCGAAGATGTGAAACACATTTG	720
QY	721	GAACTACTACTGCAAAATGTCAATTTGTTTTCGAACTGCAATATATCAGTGGAGATG	780
DB	721	GAACTACTACTGCAAAATGTCAATTTGTTTTCGAACTGCAATATATCAGTGGAGATG	780
QY	781	ACTGTATAGATATAATGAATGATGATGATGATGATGATGATGATGATGATGATGAT	840
DB	781	ACTGTATAGATATAATGAATGATGATGATGATGATGATGATGATGATGATGATGAT	840
QY	841	GTTTCAATACCAAGGCTCCCTTCAAGTGAATGAAAGGAGGAGGAGGAGGAGGAGGAG	900
DB	841	GTTTCAATACCAAGGCTCCCTTCAAGTGAATGAAAGGAGGAGGAGGAGGAGGAGGAG	900
QY	901	TTGCGGTGTTCTGCTATCCCTGAAATTTCTGTAAGGAGGAGGAGGAGGAGGAGGAG	960
DB	901	TTGCGGTGTTCTGCTATCCCTGAAATTTCTGTAAGGAGGAGGAGGAGGAGGAGGAG	960
QY	961	TCAAAGACAGAAATCAAGAGTGTGTTGCTCAAAAGACAGATGAAAGAGGAGGAGGAG	1020
DB	961	TCAAAGACAGAAATCAAGAGTGTGTTGCTCAAAAGACAGATGAAAGAGGAGGAGGAG	1020
QY	1021	TTAAAGTGTGTTACCCAGAAACCCAGGAGTCTTACCCCTTAAGGTGAACTTTCAGGCT	1080
DB	1021	TTAAAGTGTGTTACCCAGAAACCCAGGAGTCTTACCCCTTAAGGTGAACTTTCAGGCT	1080





LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
OTHER INFORMATION: unknown base  
US-10-165-038A-118

Query Match				99.7%; Score 2253; DB 13; Length 2260;			
Best Local Similarity				100.0%; Pred. No. 0;			
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;							
QY	1	CGACCGCTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGCGCGG	60				
DB	1	CGACCGCTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGAGAGCGCGG	60				
QY	61	GCTTACTGCTAGCGGCTCGCGCGCGGCTCCCGAGGGGGCTCAGGAGGAGAGGA	120				
DB	61	GCTTACTGCTAGCGGCTCGCGCGCGGCTCCCGAGGGGGCTCAGGAGGAGAGGA	120				
QY	121	GGACCCGCTGCGAATGCTCTGCTCCCTGAGGCTTTGCGCTCCCGCTGCTCTCTGG	180				
DB	121	GGACCCGCTGCGAATGCTCTGCTCCCTGAGGCTTTGCGCTCCCGCTGCTCTCTGG	180				
QY	181	TGGCAGGTGTTTCGGGAACGCGCGCAGTGCAGGATCACGGTGTGTAGCATCGGC	240				
DB	181	TGGCAGGTGTTTCGGGAACGCGCGCAGTGCAGGATCACGGTGTGTAGCATCGGC	240				
QY	241	GTGAGCTGGGGTCTGTCACTATGGAATTAACCTGGCCCTGCTACGGCTGGAGAA	300				
DB	241	GTGAGCTGGGGTCTGTCACTATGGAATTAACCTGGCCCTGCTACGGCTGGAGAA	300				
QY	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAATCTGGATGTAAAGTTGGTGTGGTGG	360				
DB	301	ACAGCAAGGAGTCTGTGAAGTACATGCGAATCTGGATGTAAAGTTGGTGTGGTGG	360				
QY	361	GACCAACCAATGCAGATGCTTCCAGGATACACCGGGAAACCTGCAATCAAGATGTA	420				
DB	361	GACCAACCAATGCAGATGCTTCCAGGATACACCGGGAAACCTGCAATCAAGATGTA	420				
QY	421	ATGAGTGTGAATGAACCCCGGCCATGCGCAACACAGATGTGTGAATACACGGAAGT	480				
DB	421	ATGAGTGTGAATGAACCCCGGCCATGCGCAACACAGATGTGTGAATACACGGAAGT	480				
QY	481	ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGTGAATCTA	540				
DB	481	ACAAGTGTCTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTAGCTGTGTGAATCTA	540				
QY	541	GGACATGTGCCATGATAAATCTGTCACTACAGTGTGTGAACACAGAAAGGCGCCACAGT	600				
DB	541	GGACATGTGCCATGATAAATCTGTCACTACAGTGTGTGAACACAGAAAGGCGCCACAGT	600				
QY	601	GCCTGTGTCCATCTCAGGACTCGCGCTGGCGCCCAATGGAAGACTGCTAGATATG	660				
DB	601	GCCTGTGTCCATCTCAGGACTCGCGCTGGCGCCCAATGGAAGACTGCTAGATATG	660				
QY	661	ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACATCGAAGATGTGTGAACACATTTG	720				
DB	661	ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACATCGAAGATGTGTGAACACATTTG	720				
QY	721	GAAGTACTGCTGCAATGTCAATGGTTTCGAACTGCAATATATCAGTGGAGATATG	780				
DB	721	GAAGTACTGCTGCAATGTCAATGGTTTCGAACTGCAATATATCAGTGGAGATATG	780				
QY	781	ACTGTATAGATATAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG	840				
DB	781	ACTGTATAGATATAATGAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATG	840				
QY	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC	900				
DB	841	GCTTCAATACCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAGGCAATGGAC	900				
QY	901	TTCCGGTGTCTGCTACCTGAAATTTCTGTGAAGGAGTCTCAGAGACCTGGTACCA	960				
DB	901	TTCCGGTGTCTGCTACCTGAAATTTCTGTGAAGGAGTCTCAGAGACCTGGTACCA	960				
QY	961	TCAAAGACAGATCAAGAAGTTGCTGCTCAAAAAACAGCATGAAAAAGAGCAAAA	1020				

DB	961	TCAAAGACAGATCAAGAAGTTGCTTCTCAAAAAACAGCATGAAAAAGAGCAAAA	1020				
QY	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCGACCCCT	1080				
DB	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAATTCGACCCCT	1080				
QY	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCATGAGGTAAAAAGGGAATG	1140				
DB	1081	TCAACTATGAAGATAGTTTCCAGAGCGGGAACCTCATGAGGTAAAAAGGGAATG	1140				
QY	1141	AAGAGAAATGAAGAGGGCTTGAAGATGAAGAGAGAGAAAGCCCTGAGAAATGA	1200				
DB	1141	AAGAGAAATGAAGAGGGCTTGAAGATGAAGAGAGAGAAAGCCCTGAGAAATGA	1200				
QY	1201	CATAGAGAGCGAGCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA	1260				
DB	1201	CATAGAGAGCGAGCTGCGAGGAGATGTGTTTCCCTAAGGTGAATGAAGCAGGTGA	1260				
QY	1261	ATTCCGCTGATTCTGTGCTCAAGAGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT	1320				
DB	1261	ATTCCGCTGATTCTGTGCTCAAGAGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT	1320				
QY	1321	AAATATCTCGTGTGACTGAGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGGA	1380				
DB	1321	AAATATCTCGTGTGACTGAGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGGA	1380				
QY	1381	AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTTATGGCTTCTATATGGCAGT	1440				
DB	1381	AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTTATGGCTTCTATATGGCAGT	1440				
QY	1441	TCCGGCTTGGCAGGTCAAGAGAAAGATTTGGCGGATGAACTTCTCTACCTGACCT	1500				
DB	1441	TCCGGCTTGGCAGGTCAAGAGAAAGATTTGGCGGATGAACTTCTCTACCTGACCT	1500				
QY	1501	GCAACCCCAAGCAACTTCTGCTTTGATTAACCGGCTGCGCGGAGACAAAGTCGG	1560				
DB	1501	GCAACCCCAAGCAACTTCTGCTTTGATTAACCGGCTGCGCGGAGACAAAGTCGG	1560				
QY	1561	GAAACTTCGAGTGTGTGAAAAAAGCAATCAATGCCCTGGCAATGGAGAGACCAAG	1620				
DB	1561	GAAACTTCGAGTGTGTGAAAAAAGCAATCAATGCCCTGGCAATGGAGAGACCAAG	1620				
QY	1621	TGAGGATGAAGTGAAGCAAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA	1680				
DB	1621	TGAGGATGAAGTGAAGCAAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCAA	1680				
QY	1681	AAGCATCAATTTTGAAGCAGAAAGTGGCAAGGGCAAAACCGCGGAAATCGCAGTGG	1740				
DB	1681	AAGCATCAATTTTGAAGCAGAAAGTGGCAAGGGCAAAACCGCGGAAATCGCAGTGG	1740				
QY	1741	CGTCTGCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGATGATGTT	1800				
DB	1741	CGTCTGCTTGTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGATGATGTT	1800				
QY	1801	ACTATCTTTATATTTGACTTGTGATGCTAGTTCCTGCTTTTGTGATTTGATCATAG	1860				
DB	1801	ACTATCTTTATATTTGACTTGTGATGCTAGTTCCTGCTTTTGTGATTTGATCATAG	1860				
QY	1861	GACCTCTGGCAATTTAGAAATTAAGTCAAAAAATGTAATGTACCAACAGAAATATTAT	1920				
DB	1861	GACCTCTGGCAATTTAGAAATTAAGTCAAAAAATGTAATGTACCAACAGAAATATTAT	1920				
QY	1921	TGTAAGATGCTTTCTTTGATAAGATATGCCAATATTGCTTTTAAATATCATCTGCT	1980				
DB	1921	TGTAAGATGCTTTCTTTGATAAGATATGCCAATATTGCTTTTAAATATCATCTGCT	1980				
QY	1981	ATCTTCTCAGTCATTTCTGAACTCTTCCCATATATATAAAATGGAANGTCAGTT	2040				
DB	1981	ATCTTCTCAGTCATTTCTGAACTCTTCCCATATATATAAAATGGAANGTCAGTT	2040				
QY	2041	TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTGTGCTCTCTACAA	2100				





```

, , PRIOR APPLICATION NUMBER: 60/077641
, , PRIOR FILING DATE: 1998-03-11
, , PRIOR APPLICATION NUMBER: 60/077649
, , PRIOR FILING DATE: 1998-03-11
, , PRIOR APPLICATION NUMBER: 60/077791
, , PRIOR FILING DATE: 1998-03-12
, , Remaining Prior Application data re:
, , NUMBER OF SEQ ID NOS: 624
, , SEQ ID NO 118
, , LENGTH: 2250
, , TYPE: DNA
, , ORGANISM: Homo sapiens
, , FEATURE:
, , NAME/KEY: unsure
, , LOCATION: 2009, 2026, 2033, 2055,
, , OTHER INFORMATION: unknown base
US-10-167-600-118

```

Query Match	99.7%	Score 2253;	DB 13;	Length 2260;		
Best Local Similarity	100.0%;	Pred. No. 0;				
Matches 2260;	Conservative	0;	Mismatches	0; Indels	0; Gaps	0;
Qy	1	CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGAGGCGCGG	60			
Db	1	CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCGG	60			
Qy	61	GCTTAGTCTGTACGGGGGTCCGGCCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGAAAGGA	120			
Db	61	GCTTAGTCTGTACGGGGGTCCGGCCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGAAAGGA	120			
Qy	121	GGACCCGTCGAGAAATGCTCTGCCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTCTGGG	180			
Db	121	GGACCCGTCGAGAAATGCTCTGCCCCTGGAGCCTTGCGCTCCCGCTGCTCTCTCTCTGGG	180			
Qy	181	TGSCAGGTGTTTTCCGGGAACGGGCGAGTCAAGGCATCACGGTGTGTTAGCATCGGCAC	240			
Db	181	TGSCAGGTGTTTTCCGGGAACGGGCGAGTCAAGGCATCACGGTGTGTTAGCATCGGCAC	240			
Qy	241	GTGAGCCTGGGTCGTGTCACTATGAGAACTAAACTGGCCTGCTGCTACGGCTGGAGAGAA	300			
Db	241	GTGAGCCTGGGTCGTGTCACTATGAGAACTAAACTGGCCTGCTGCTACGGCTGGAGAGAA	300			
Qy	301	ACAGCAAGGAGTCTGTGAGAGCTACATCGGAACCTGGATGTAGTTGTTGTTGAGTGGGTGG	360			
Db	301	ACAGCAAGGAGTCTGTGAGAGCTACATCGGAACCTGGATGTAGTTGTTGTTGAGTGGGTGG	360			
Qy	361	GACCAACAAATGCAGATGCTTTCCAGATACACCGGGAACAACTGCAGTCAAGATGTGA	420			
Db	361	GACCAACAAATGCAGATGCTTTCCAGATACACCGGGAACAACTGCAGTCAAGATGTGA	420			
Qy	421	ATGAGTGTGGAATGAAACCCCGGCGCATGCCAAACACAGATGTGTGAATACACAGCGAAGCT	480			
Db	421	ATGAGTGTGGAATGAAACCCCGGCGCATGCCAAACACAGATGTGTGAATACACAGCGAAGCT	480			
Qy	481	ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTPAGCTGTGTCAACTCTTA	540			
Db	481	ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTPAGCTGTGTCAACTCTTA	540			
Qy	541	GGACATGTGCCATGATAAACTGTCTAGTACAGCTGTGAAGACACAGAAAGAGGCCCAAGT	600			
Db	541	GGACATGTGCCATGATAAACTGTCTAGTACAGCTGTGAAGACACAGAAAGAGGCCCAAGT	600			
Qy	601	GCCTGTGTCCATCTCAGAGACTCCGCGCTGGCGCCCAATGGNAGAGACTGCTAGATATTG	660			
Db	601	GCCTGTGTCCATCTCAGAGACTCCGCGCTGGCGCCCAATGGNAGAGACTGCTAGATATTG	660			
Qy	661	ATGAATGTGCTCTGTGTAAGTCACTCTGTCCCTCAATCGAAGATGTGTGAAACACATTG	720			
Db	661	ATGAATGTGCTCTGTGTAAGTCACTCTGTCCCTCAATCGAAGATGTGTGAAACACATTG	720			
Qy	721	GAAGCTACTACTGCAAAATGTCACTGTTGTTGGAATCTGCAATATATCATGTGGAGCATATG	780			
Db	721	GAAGCTACTACTGCAAAATGTCACTGTTGTTGGAATCTGCAATATATCATGTGGAGCATATG	780			

QY	781	ACTGTATAGATATAAATGAATGTACTATGTGATAGCCATACGTGACGCCAATGCAATT	840
DB	781	ACTGTATAGATATAAATGAATGTACTATGTGATAGCCATACGTGACGCCAATGCAATT	840
QY	841	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGGAATATAAAGGCAATGGAC	900
DB	841	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGGAATATAAAGGCAATGGAC	900
QY	901	TTCCGGTGTCTGCTATCCCTGAAANNTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGTACCA	960
DB	901	TTCCGGTGTCTGCTATCCCTGAAANNTCTGTGAAGGAAGTCTCTCAGAGCACCTGTGTACCA	960
QY	961	TCAAAGACAGAATCAAGAAGTTGCTTGCTTCACAAAAAACAGCATGAAAAAGAGGCAAAAA	1020
DB	961	TCAAAGACAGAATCAAGAAGTTGCTTGCTTCACAAAAAACAGCATGAAAAAGAGGCAAAAA	1020
QY	1021	TTAAAAATGTATCCCCAGAACCCGACAGAGACTCTTACCCCTAAGGTGAATCTTGCAGCCCT	1080
DB	1021	TTAAAAATGTATCCCCAGAACCCGACAGAGACTCTTACCCCTAAGGTGAATCTTGCAGCCCT	1080
QY	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG	1140
DB	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGGAGGTAAAAAGGGAATG	1140
QY	1141	AAGAGAAATGAAAGAGGGGCTTGAAGATCAGAAAAAGAGAGAAAGGCCCTGNAAGATGA	1200
DB	1141	AAGAGAAATGAAAGAGGGGCTTGAAGATCAGAAAAAGAGAGAAAGGCCCTGNAAGATGA	1200
QY	1201	CATAGAGAGCGAAGCCTCGCAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
DB	1201	CATAGAGAGCGAAGCCTCGCAGGAGATGTGTTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
QY	1261	ATTCCGCCCTGATTCCTGGTCCAAAGGAAGCGCTAACTTCCAACTGGACATATAAGATTT	1320
DB	1261	ATTCCGCCCTGATTCCTGGTCCAAAGGAAGCGCTAACTTCCAACTGGACATATAAGATTT	1320
QY	1321	AAATATCTCGGTTGACTGCAGCTTCAATCATGGGAATCTGTGATCGAAAAACAGGATAGAGA	1380
DB	1321	AAATATCTCGGTTGACTGCAGCTTCAATCATGGGAATCTGTGATCGAAAAACAGGATAGAGA	1380
QY	1381	AGATGATTTTGACTGGAAATCCTGCTCATCGAGATATGCTATTGGCTTCTATATGCGAGT	1440
DB	1381	AGATGATTTTGACTGGAAATCCTGCTCATCGAGATATGCTATTGGCTTCTATATGCGAGT	1440
QY	1441	TCGGCGCTTGGCAGGTCAAGAAGAACATATGGCCGATTGAAACTTCTCCTACCTGACCT	1500
DB	1441	TCGGCGCTTGGCAGGTCAAGAAGAACATATGGCCGATTGAAACTTCTCCTACCTGACCT	1500
QY	1501	GCAACCCCAAGCAACTTCGTGTTGCTCTTGTGATTACCGCTCGCCGAGAGACAAAGTCGG	1560
DB	1501	GCAACCCCAAGCAACTTCGTGTTGCTCTTGTGATTACCGCTCGCCGAGAGACAAAGTCGG	1560
QY	1561	GAAACTTCGAGTGTGTTGTAAAAACAGTAACAATCGCCCTGGCATGGGAGAACCCAGAG	1620
DB	1561	GAAACTTCGAGTGTGTTGTAAAAACAGTAACAATCGCCCTGGCATGGGAGAACCCAGAG	1620
QY	1621	TGAGGATGAAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAACCTGATCTCTACCCA	1680
DB	1621	TGAGGATGAAAGTGGAGACAGGGAATTCAGTTGTATCAAGGAACCTGATCTCTACCCA	1680
QY	1681	AAGCATCATTTTTTGAAGCAGAACTGGCAAGGCCAAAAACCGCGGAATCGCAGTGATGG	1740
DB	1681	AAGCATCATTTTTTGAAGCAGAACTGGCAAGGCCAAAAACCGCGGAATCGCAGTGATGG	1740
QY	1741	CGTCTGCTGTTTCAAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACATGAATGTT	1800
DB	1741	CGTCTGCTGTTTCAAGGCTTATGTCAGATAGCCTTTTATCTGTGATGACATGAATGTT	1800
QY	1801	ACTATCTTTATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGTATATGCAATCATAG	1860
DB	1801	ACTATCTTTATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGTATATGCAATCATAG	1860

```
Qy 1861 GACCTCTGGCATTTTGAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Db 1861 GACCTCTGGCATTTTGAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920
Qy 1921 TGTAAAGATGCTTCTTCTGTATAAGATATGCCAATATTTCTGTTTAAATATCATATCACTGT 1980
Db 1921 TGTAAAGATGCTTCTTCTGTATAAGATATGCCAATATTTCTGTTTAAATATCATATCACTGT 1980
Qy 1981 ATCTTCTCACTCAATTTCTGTAATCTTTCCNCAATATATATAAATNTGGAAANGTCAGTT 2040
Db 1981 ATCTTCTCACTCAATTTCTGTAATCTTTCCNCAATATATATAAATNTGGAAANGTCAGTT 2040
Qy 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTCTGATNGCTTCTCTCTCAAA 2100
Db 2041 TATCTCCCTCCCTCNGTATATCTGATTTGTATANGTANGTCTGATNGCTTCTCTCTCAAA 2100
Qy 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
Db 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCCTAGTGGCTTAGCTGGTCTT 2220
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCCTAGTGGCTTAGCTGGTCTT 2220
Qy 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTTGTAAATAATAA 2260
Db 2221 TCATAGCCAAACTTGTATATTTAATTTCTTTTGTAAATAATAA 2260

RESULT 43
US-10-170-481A-118
; Sequence 118, Application US/10170481A
; Publication No. US2003020344A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C53
; CURRENT APPLICATION NUMBER: US/10/170,481A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
```

```
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-170-481A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGCG 60
Db 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGCGCGCG 60
Qy 61 GCTTAGCTGTACCGGGTCCGGCCCGGCGCTCCCGAGGGGGGCTCAGGAGAGGAGGA 120
Db 61 GCTTAGCTGTACCGGGTCCGGCCCGGCGCTCCCGAGGGGGGCTCAGGAGAGGAGGA 120
Qy 121 GGACCCGTCGGAATGCTCTGCGCTGGAGCGCTTGGCTCCGCTGCTGCTCTCTCTGG 180
Db 121 GGACCCGTCGGAATGCTCTGCGCTGGAGCGCTTGGCTCCGCTGCTGCTCTCTCTGG 180
Qy 181 TGGCAGGTGTTTCGGGAAACGGCGCCAGTGAAGCATCACGGGTGTTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTCGGGAAACGGCGCCAGTGAAGCATCACGGGTGTTAGCATCGGCAC 240
Qy 241 GTCAGCCTGGGTCTCTCACTATGGAATTAACCTGGCTGCTGCTACGGCTGGAGAGAA 300
Db 241 GTCAGCCTGGGTCTCTCACTATGGAATTAACCTGGCTGCTGCTACGGCTGGAGAGAA 300
Qy 301 ACAGCAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGG 360
Db 301 ACAGCAGGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGAAGTGG 360
Qy 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGGA 420
Db 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGGA 420
Qy 421 ATGAGTGTGGAATGAAACCCCGCCATGCCACACAGATGTGTGAATACACACGGAAGCT 480
Db 421 ATGAGTGTGGAATGAAACCCCGCCATGCCACACAGATGTGTGAATACACACGGAAGCT 480
Qy 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGTCAGATGCTAGTGTGTGAATCTTA 540
Db 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGTCAGATGCTAGTGTGTGAATCTTA 540
Qy 541 GGACATGTGCCATGATAAAGTGTCACTAGCTGTGTGAAGACACACAGAGAGGGCCACAGT 600
Db 541 GGACATGTGCCATGATAAAGTGTCACTAGCTGTGTGAAGACACACAGAGAGGGCCACAGT 600
Qy 601 GCCTGTGTCCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGAGACTCTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCTCAGGACTCCGCTGGCCCAAAATGGAAGAGAGACTCTCTAGATATTG 660
```



661	ATGAATGTGCTCTGGTAAAGTCAATCTGTCCCTACAAATCGAAGATGTGTGAAACACATTTG	720
Qy		
661	ATGAATGTGCTCTGGTAAAGTCAATCTGTCCCTACAAATCGAAGATGTGTGAAACACATTTG	720
Db		
721	GAAGCTACTACTGCAAAATGTCACATTTGTTTTCGAACCTGCAATATATCAAGTGGACGATATG	780
Qy		
721	GAAGCTACTACTGCAAAATGTCACATTTGTTTTCGAACCTGCAATATATCAAGTGGACGATATG	780
Db		
781	ACTGTAATAGATATAAATGAAATGTATATGGATAGCAATACGTGAGGCCACAATGCCAATT	840
Qy		
781	ACTGTAATAGATATAAATGAAATGTATATGGATAGCAATACGTGAGGCCACAATGCCAATT	840
Db		
841	GCTTCAATACCCAAAGGTCCTCAAGTGTAAATGCAAGCAGGGAATATAAAGGCAATGGAC	900
Qy		
841	GCTTCAATACCCAAAGGTCCTCAAGTGTAAATGCAAGCAGGGAATATAAAGGCAATGGAC	900
Db		
901	TTGCGTGTTCGTATCCCTGAAAAATTCGTGAAGAAATCTCTCAAGAGCACTCTGTATCCA	960
Qy		
901	TTGCGTGTTCGTATCCCTGAAAAATTCGTGAAGAAATCTCTCAAGAGCACTCTGTATCCA	960
Db		
961	TCAAAGACAGAAATCAAGAAGTCTCTGCTCAAAAACAGCATGAAAAAGGCAAGCAAAA	1020
Qy		
961	TCAAAGACAGAAATCAAGAAGTCTCTGCTCAAAAACAGCATGAAAAAGGCAAGCAAAA	1020
Db		
1021	TTAAAAATGTTTACCCAGAAACCCACAGGACTCTTACCCCTAAAGTGAATCTTCAGCCCT	1080
Qy		
1021	TTAAAAATGTTTACCCAGAAACCCACAGGACTCTTACCCCTAAAGTGAATCTTCAGCCCT	1080
Db		
1081	TCAACTATGAAGAGATAGTTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGAATG	1140
Qy		
1081	TCAACTATGAAGAGATAGTTTTCCAGAGCGGGAACTCTCATGAGGTAAAAAGGGAATG	1140
Db		
1141	AAGAGAAATGAAACAGAGGGCTTGAGGATGAGAAACAGAGAAAGCCCTGAAGAATGA	1200
Qy		
1141	AAGAGAAATGAAACAGAGGGCTTGAGGATGAGAAACAGAGAAAGCCCTGAAGAATGA	1200
Db		
1201	CATAGAGAGCGAAGCTCGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
Qy		
1201	CATAGAGAGCGAAGCTCGAGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
Db		
1261	ATTGCGCTGATTTCTGTCCTCAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATT	1320
Qy		
1261	ATTGCGCTGATTTCTGTCCTCAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATT	1320
Db		
1321	AAATATCTCGGTTGACTGCACTTCAATCATATGGGATCTGTGACTGGAACAGGATAGAGA	1380
Qy		
1321	AAATATCTCGGTTGACTGCACTTCAATCATATGGGATCTGTGACTGGAACAGGATAGAGA	1380
Db		
1381	AGATCAATTTTCACTGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
Qy		
1381	AGATCAATTTTCACTGGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT	1440
Db		
1441	TCGCGCTTGGCAGTCAACAAGAAAGACATTTGGCCGATTTGAAACTTCTCCTACCTGACCT	1500
Qy		
1441	TCGCGCTTGGCAGTCAACAAGAAAGACATTTGGCCGATTTGAAACTTCTCCTACCTGACCT	1500
Db		
1501	GCAACCCCAAAGCAATTTCTGTTTGTCTTTTGTATTAACCGCTCGCGGAGACAAGTCGG	1560
Qy		
1501	GCAACCCCAAAGCAATTTCTGTTTGTCTTTTGTATTAACCGCTCGCGGAGACAAGTCGG	1560
Db		
1561	GAAACTTCGAGTGTGTTGAAAAACAGTAACAATGCCCCCTGGCATGGGAAGAGACACAG	1620
Qy		
1561	GAAACTTCGAGTGTGTTGAAAAACAGTAACAATGCCCCCTGGCATGGGAAGAGACACAG	1620
Db		
1621	TCAGGATGAAAAGTGGAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACAA	1680
Qy		
1621	TCAGGATGAAAAGTGGAGACAGGGAAAAATTCAGTTGTATCAAGGAACTGATGCTACAA	1680
Db		
1681	AGGCATCAATTTTGAAGCAGAACTGTCGCAAGGGCAAAACCGCGAAATCGCAGTGGATGG	1740
Qy		
1681	AGGCATCAATTTTGAAGCAGAACTGTCGCAAGGGCAAAACCGCGAAATCGCAGTGGATGG	1740
Db		
1741	CGTCTTGCTGTTTTGAGGCTTATGTCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT	1800
Qy		

RESULT 44

US-10-172-039A-118  
 ; Sequence 118, Application US/10172039A  
 ; Publication No. US20030203445A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnovers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2630P1C30  
 ; CURRENT APPLICATION NUMBER: US/10/172,039A  
 ; CURRENT FILING DATE: 2002-10-10

;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 624  
;; SEQ ID NO 118  
;; LENGTH: 2260  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; NAME/KEY: unsure  
;; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
;; OTHER INFORMATION: unknown base  
US-10-172-039A-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
DB 1 CGGACCGCTGGGTGCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGGCG 60  
  
QY 61 GCTTAGCTGCTACGGGGTCCGGGCGGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
DB 61 GCTTAGCTGCTACGGGGTCCGGGCGGCGCCCTCCCGAGGGGGGCTCAGGAGGAGGAGGA 120  
  
QY 121 GGACCCGTCGAGAAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTGGG 180  
DB 121 GGACCCGTCGAGAAATGCTCTGCGCTGGAGCTTGGCGCTCCCGCTGCTCTCTCTGGG 180  
  
QY 181 TGGCAGGTGTTTGGGAAACCGGCCAGTCAGGCGATCAGGGTGTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGTTTGGGAAACCGGCCAGTCAGGCGATCAGGGTGTGTAGCATCGGCAC 240  
  
QY 241 GTACGCTGGGTCTGTCACTATGGAATACTGAGTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300  
DB 241 GTACGCTGGGTCTGTCACTATGGAATACTGAGTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300  
  
QY 301 ACAGCAAGGAGTCTGTAAGCTACATCGGAACCTGGAATGTAAGTTTGGTGGAGTGG 360  
DB 301 ACAGCAAGGAGTCTGTAAGCTACATCGGAACCTGGAATGTAAGTTTGGTGGAGTGG 360  
  
QY 361 GACCAACAAATGCAAGTCTTTCCAGGATACACCGGGAACCTGCAATCAAGATGTGA 420  
DB 361 GACCAACAAATGCAAGTCTTTCCAGGATACACCGGGAACCTGCAATCAAGATGTGA 420  
  
QY 421 ATGAGTGTGAATGAATCCCGGCGCATGCCACAGATGTGTGAATACACGGAGCT 480  
DB 421 ATGAGTGTGAATGAATCCCGGCGCATGCCACAGATGTGTGAATACACGGAGCT 480  
  
QY 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGCTGTGTGAATCTTA 540  
DB 481 ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCCAGATGCTACGCTGTGTGAATCTTA 540  
  
QY 541 GGACATGTGCCATGATAAATCTGTAGTACAGCTGTGAAGACACAGAGAGGGGCCACAGT 600

DB 541 GGACATGTGCCATGATAAATCTGTAGTACAGCTGTGAAGACACAGAGAGGGGCCACAGT 600  
QY 601 GCCTGTGTCCATCCTCAGGACTCCGCTGGCCCCCAATGGAGAGAGTGTCTAGATATTG 660  
DB 601 GCCTGTGTCCATCCTCAGGACTCCGCTGGCCCCCAATGGAGAGAGTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTGTAAGTCACTCTGCTCCTACAAATCGAAGTGTGTGAACACATTG 720  
DB 661 ATGAATGTGCTCTGTAAGTCACTCTGCTCCTACAAATCGAAGTGTGTGAACACATTG 720  
QY 721 GAAGCTACTACTGCAAAATGTCACATTGGTTTCGAATCGAATCATATATCATGTGGAACATATG 780  
DB 721 GAAGCTACTACTGCAAAATGTCACATTGGTTTCGAATCGAATCATATATCATGTGGAACATATG 780  
QY 781 ACTGTATAGATATAAATGTAATGTACTATGATAGCATACGTGACGACCATGCAATT 840  
DB 781 ACTGTATAGATATAAATGTAATGTACTATGATAGCATACGTGACGACCATGCAATT 840  
QY 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900  
DB 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGATATAAAGCAATGGAC 900  
QY 901 TTCGGTGTCTGCTATCCCTGAAAATCTGTGAAGAGTCTCTCAGAGCCTCTGATGACCA 960  
DB 901 TTCGGTGTCTGCTATCCCTGAAAATCTGTGAAGAGTCTCTCAGAGCCTCTGATGACCA 960  
QY 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCACAATAACAGCATGAAAAGAGGCAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAAAGTTGCTTGTCTCACAATAACAGCATGAAAAGAGGCAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCTTAAGGTGAATCTTGACCCCT 1080  
DB 1021 TTAATAATGTTACCCAGAACCCACAGGACTCTTACCCTTAAGGTGAATCTTGACCCCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140  
DB 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGTAAAGAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGCGCTTGAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
DB 1141 AAGAGAAATGAAGAGGCGCTTGAGATGAGAAAGAGAGAGAAAGCCCTGAAGATGA 1200  
QY 1201 CATAGAGCGGAGGCTCGAGAGATGTGTTTTCCCTTAAGGTGAATGAAGAGGAGTGA 1260  
DB 1201 CATAGAGCGGAGGCTCGAGAGATGTGTTTTCCCTTAAGGTGAATGAAGAGGAGTGA 1260  
QY 1261 ATTCCGGCTGATTCGTGTCAAAAGGAAAGCGCTAACTTCCAAAATGAAGATTT 1320  
DB 1261 ATTCCGGCTGATTCGTGTCAAAAGGAAAGCGCTAACTTCCAAAATGAAGATTT 1320  
QY 1321 AAATATCTCGGTGACTGCAAGTCTCAATCATGAGTCTGTGATGGAACAGATAGAGA 1380  
DB 1321 AAATATCTCGGTGACTGCAAGTCTCAATCATGAGTCTGTGATGGAACAGATAGAGA 1380  
QY 1381 AGATGATTTTGACTGGAATCCTGCTGATCGAGATAATGCTATGGTCTTATATGGCAGT 1440  
DB 1381 AGATGATTTTGACTGGAATCCTGCTGATCGAGATAATGCTATGGTCTTATATGGCAGT 1440  
QY 1441 TCCGGCTTGGCAGGTCAAGAGAGCAATGGCCGATTTGAACTTCTCTACCTGACCT 1500  
DB 1441 TCCGGCTTGGCAGGTCAAGAGAGCAATGGCCGATTTGAACTTCTCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTCTTGTGCTTTGATTAACCGCTGGCCGAGAGCAAGTCGG 1560  
DB 1501 GCAACCCCAAGCAACTCTTGTGCTTTGATTAACCGCTGGCCGAGAGCAAGTCGG 1560  
QY 1561 GAAACTTCGAGTGTGTGAAAACAGTAACATGCGCTGGCATGGAGAGACACAGAG 1620  
DB 1561 GAAACTTCGAGTGTGTGAAAACAGTAACATGCGCTGGCATGGAGAGACACAGAG 1620  
QY 1621 TGAGGATGAAAAGTGAAGACAGGGAATTCAGTTGTATTCAGGGAATGATGCTACCAA 1680

Db 1621 TGAGGATGAAAGTGGAGACACAGGGAATTCAGTTGTATCAAGGAACGTGATCTACAA 1680  
Qy 1681 AGCATCATTTTGAAGCAGACAGTGGCAGGCGGAAAACCGCGGAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATCATTTTGAAGCAGACAGTGGCAGGCGGAAAACCGCGGAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTTGGCTTGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGATGACTGAATGTT 1800  
Db 1741 CGTCTTGGCTTGTTCAGGCTTATGTCAGATAGCCCTTTTATCTGTGATGACTGAATGTT 1800  
Qy 1801 ACTATCTTATATTCAGCTTGTATGTCAGTTCCTGGTGTTCCTTTTGAATGATGATCATAG 1860  
Db 1801 ACTATCTTATATTCAGCTTGTATGTCAGTTCCTGGTGTTCCTTTTGAATGATGATCATAG 1860  
Qy 1861 GACCTCTGGCATTTTGAATTCAGCTGCAAAATTTGTAATGATGACCAAGAAATATAT 1920  
Db 1861 GACCTCTGGCATTTTGAATTCAGCTGCAAAATTTGTAATGATGACCAAGAAATATAT 1920  
Qy 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCATGT 1980  
Db 1921 TGTAAAGTGCCTTCTTGTATAGATATGCAATATTTGCTTTAAATATCATATCATGT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGAATCTTCCCATTTATATATAAAATGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTCCCATTTATATATAAAATGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGFANGTTGATNGCTTCTCTCAAA 2100  
Db 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGFANGTTGATNGCTTCTCTCAAA 2100  
Qy 2101 CATTTCTGAAATAGAAAAGAACACAGAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
Db 2101 CATTTCTGAAATAGAAAAGAACACAGAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
Qy 2161 ACTTCTTGAAATCATGACATCAAGATAGACTTTTCCCTAAAGTGGCTTGTAGTGGTCTT 2220  
Db 2161 ACTTCTTGAAATCATGACATCAAGATAGACTTTTCCCTAAAGTGGCTTGTAGTGGTCTT 2220  
Qy 2221 TCATAGCAAACTGTATATTTTAACTTGTGTAATAA 2260  
Db 2221 TCATAGCAAACTGTATATTTTAACTTGTGTAATAA 2260

RESULT 45

US-10-028-118  
; Sequence 118, Application US/10210028  
; Publication No. US2003020346A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Deanoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PICS2  
; CURRENT APPLICATION NUMBER: US/10/210,028  
; PRIOR FILING DATE: 2001-10-18  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 118  
; LENGTH: 2260  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
; OTHER INFORMATION: unknown base  
US-10-210-028-118

Query Match 99.7%; Score 2253; DB 13; Length 2260;  
Best Local Similarity 100.0%; Fred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGCGGCG 60  
Db 1 CGGACGCGTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGCGGCG 60  
Qy 61 GCTTAGCTGCTACGGGGTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGAGGA 120  
Db 61 GCTTAGCTGCTACGGGGTCCGCGCGGCGCCCTCCGAGGGGGGCTCAGGAGGAGAGGA 120  
Qy 121 GGACCCGCTGCGAGATGCTCTGCTGCTGAGGCTTTGCGCTCCCGCTGCTGCTCTCTGG 180  
Db 121 GGACCCGCTGCGAGATGCTCTGCTGCTGAGGCTTTGCGCTCCCGCTGCTGCTCTCTGG 180  
Qy 181 TGGCAGGTGTTTGGGGAACGGGCGGCGGAGTGCAGGAGTCAACGGGTTGTAGCATCGGCAC 240  
Db 181 TGGCAGGTGTTTGGGGAACGGGCGGCGGAGTGCAGGAGTCAACGGGTTGTAGCATCGGCAC 240  
Qy 241 GTGAGCCTGGGGTCTGTCACTATGGAATCTAAATGTCGCTGCTGCTGCTGCTGCTGCTG 300  
Db 241 GTGAGCCTGGGGTCTGTCACTATGGAATCTAAATGTCGCTGCTGCTGCTGCTGCTGCTG 300  
Qy 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGGTGGTGG 360  
Db 301 ACAGCAAGGAGTCTGTGAAGCTACATGCGAACCTGGATGTAAGTTTGGTGGTGGTGG 360  
Qy 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCGCTCAAGATGTGA 420  
Db 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAACCTGCGCTCAAGATGTGA 420  
Qy 421 ATGAGTGTGGAATGAACCCCGGCGCTATGCCACAGATGTGTGAATACACCGGAGCT 480

Db 421 ATGAGTGTGGAATGAAACCCCGCCATGCCAACACAGATGTGTGAATACACACGGAAGCT 480  
Qy 481 ACAAGTCTTTTGGCTCAGTGGCCACATCTCATGCCAGTGTACGTGTGAACTCTA 540  
Db 481 ACAAGTCTTTTGGCTCAGTGGCCACATCTCATGCCAGTGTACGTGTGAACTCTA 540  
Qy 541 GGACATGTGTCATGATAAATCTGTCACTGAGTGTGAAGACACAGAAAGGGCCACAGT 600  
Db 541 GGACATGTGTCATGATAAATCTGTCACTGAGTGTGAAGACACAGAAAGGGCCACAGT 600  
Qy 601 GCTGTGTTCATCTCAGACCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCT 660  
Db 601 GCTGTGTTCATCTCAGACCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCTCCGCT 660  
Qy 661 ATGAATGTGCTCTGTGTAAAGTCACTGTCCCTTACCAATCGAAGATGTGTGAACACATTTG 720  
Db 661 ATGAATGTGCTCTGTGTAAAGTCACTGTCCCTTACCAATCGAAGATGTGTGAACACATTTG 720  
Qy 721 GAAGCTACTACTCAATGTCACTGTGTTTCCGACTGCAATATATCACTGAGCAGATG 780  
Db 721 GAAGCTACTACTCAATGTCACTGTGTTTCCGACTGCAATATATCACTGAGCAGATG 780  
Qy 781 ACTGTATAGATATAAATGAAATGACTACTAGTACGATAGCCATACGTCGACCCACCATGCCAATT 840  
Db 781 ACTGTATAGATATAAATGAAATGACTACTAGTACGATAGCCATACGTCGACCCACCATGCCAATT 840  
Qy 841 GCTTCAATACCCAGGGTCTCTCAGTGTAAATGCAAGCAGGGATATAAGCCATGAGAC 900  
Db 841 GCTTCAATACCCAGGGTCTCTCAGTGTAAATGCAAGCAGGGATATAAGCCATGAGAC 900  
Qy 901 TCCGCTGTCTGTCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTAGAGCACCCTGGTACCA 960  
Db 901 TCCGCTGTCTGTCTATCCCTGAAATTTCTGTGAAGGAAGTCTCTAGAGCACCCTGGTACCA 960  
Qy 961 TCAAGACAGAAATCAAGAGTGTCTCTCAAAAACAGCATGAAAGAAAGAGGCAAAA 1020  
Db 961 TCAAGACAGAAATCAAGAGTGTCTCTCAAAAACAGCATGAAAGAAAGAGGCAAAA 1020  
Qy 1021 TTAAGATGTTTACCCAGAACCCACAGGACTCTTACCCCTCAGGTGAACTTTGACGCCCT 1080  
Db 1021 TTAAGATGTTTACCCAGAACCCACAGGACTCTTACCCCTCAGGTGAACTTTGACGCCCT 1080  
Qy 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAAGTCTCATGAGGTAAAGAGGGAATG 1140  
Db 1081 TCAACTATGAAGATAGTTTCCAGAGCGGGAAGTCTCATGAGGTAAAGAGGGAATG 1140  
Qy 1141 AAGAGAAATGAAGAGGGGCTTGGAGATGAGAAAGAGAGAAAGCCCTGAGAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGGCTTGGAGATGAGAAAGAGAGAAAGCCCTGAGAGATGA 1200  
Qy 1201 CATAGAGAGCGAAGCCCTCGAGAGATGTGTGTTCCTTAAAGTGAATGAAGCAGGTGA 1260  
Db 1201 CATAGAGAGCGAAGCCCTCGAGAGATGTGTGTTCCTTAAAGTGAATGAAGCAGGTGA 1260  
Qy 1261 ATTGGCTGATTTCTGTTCCAAAGAAAGCGCTAACTTCCAAACTGGAACATGAAGATT 1320  
Db 1261 ATTGGCTGATTTCTGTTCCAAAGAAAGCGCTAACTTCCAAACTGGAACATGAAGATT 1320  
Qy 1321 AAATATCTCGGTGATGTCAGCTTCAATCAATGAGATCTGTGACTGGAAGAACAGGATAGAG 1380  
Db 1321 AAATATCTCGGTGATGTCAGCTTCAATCAATGAGATCTGTGACTGGAAGAACAGGATAGAG 1380  
Qy 1381 AGATGATTTTGAAGTCTGCTGATCGAGATGATGCTTATGCTTCTATATGCGACT 1440  
Db 1381 AGATGATTTTGAAGTCTGCTGATCGAGATGATGCTTATGCTTCTATATGCGACT 1440  
Qy 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Db 1441 TCCGCGCTTGGCAGGTCAAGAAAGACATTTGGCCGATTTGAAACTTCTCTACCTGACCT 1500  
Qy 1501 GCAACCCCAAGCAACTCTGTTTCTCTTTGATGATGCGCTGCGCGGAGCAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTCTGTTTCTCTTTGATGATGCGCTGCGCGGAGCAAGTCGG 1560

## RESULT 46

US-10-017-081A-118

; Sequence 118, Application US/10017081A

; Publication No. US20030049684A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

APPLICANT:	Napier, Mary A.
APPLICANT:	Pan, James;
APPLICANT:	Paoni, Nicholas F.
APPLICANT:	Roy, Margaret Ann
APPLICANT:	Shelton, David L.
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Tumas, Daniel
APPLICANT:	Williams, P. Mickey
APPLICANT:	Wood, William I.
TITLE OF INVENTION:	Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION:	Acids Encoding the Same
FILE REFERENCE:	P2630PIC69
CURRENT APPLICATION NUMBER:	US/10/017,081A
CURRENT FILING DATE:	2002-04-30
Prior application removed -	See File Wrapper or Palm
NUMBER OF SEQ ID NOS:	624
SEQ ID NO 118	
LENGTH:	2260
TYPE:	DNA
ORGANISM:	Homo sapiens
FEATURE:	
NAME/KEY:	unSURE
LOCATION:	2009, 2026, 2033, 2055, 2074, 2078, 2086
OTHER INFORMATION:	unknown base
US-10-017-081A-118	

Query Match 99.7%; Score 2253; DB 15; Length 2260;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	CGGACGCGTGGGTGGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGCGC	60
DB	1	CGGACGCGTGGGTGGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGGAGGCGCGC <td>60</td>	60
QY	61	GCTTAGCTGCTACGGGGTCCGGCGCGCGCCCTCCGAGGGGGGCTCAGGAGAGGAAGA	120
DB	61	GCTTAGCTGCTACGGGGTCCGGCGCGCGCCCTCCGAGGGGGGCTCAGGAGAGGAAGA	120
QY	121	GGACCCGTCGGAATGCTCTGCCCTGGAGGCTTGGCTCCCGCTGCTGCTCTCTCTGGG	180
DB	121	GGACCCGTCGGAATGCTCTGCCCTGGAGGCTTGGCTCCCGCTGCTGCTCTCTCTGGG	180
QY	181	TGGCAGGTGGTTTCGGGAACCGCGCAGTGCMAAGGCATCACGGGTTGTTAGCANTGGCAC	240
DB	181	TGGCAGGTGGTTTCGGGAACCGCGCAGTGCMAAGGCATCACGGGTTGTTAGCANTGGCAC	240
QY	241	GTGACGCTGGGTCTGTCTACTATGAACTAAACTGGGCTGCTGCTACGGCTGGAGAAGAA	300
DB	241	GTGACGCTGGGTCTGTCTACTATGAACTAAACTGGGCTGCTGCTACGGCTGGAGAAGAA	300
QY	301	ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGATGTTAGTTGGTGAGTGGCTGG	360
DB	301	ACAGCAAGGAGTCTGTGAAGCTACATCGGAACCTGATGTTAGTTGGTGAGTGGCTGG	360
QY	361	GACCAACAAATGCAGATGCTTTTCAGAGATACACCGGGAAAACTGCAAGTGTGA	420
DB	361	GACCAACAAATGCAGATGCTTTTCAGAGATACACCGGGAAAACTGCAAGTGTGA	420
QY	421	ATGAGTGTGAATGAAACCCCGCCATGCCCAACACAGATGTGTGAATACACCGAGCT	480
DB	421	ATGAGTGTGAATGAAACCCCGCCATGCCCAACACAGATGTGTGAATACACCGAGCT	480
QY	481	ACAAGTGTCTTTTGCTTCAGTGCCCATGCTCATGCCAGATGCTGCTGTGTGAATCTTA	540
DB	481	ACAAGTGTCTTTTGCTTCAGTGCCCATGCTCATGCCAGATGCTGCTGTGTGAATCTTA	540
QY	541	GGACATGTGCCATGATAAAGTGTGAGTACAGTGTGAGACACAGAGAGAGGCCACAGT	600
DB	541	GGACATGTGCCATGATAAAGTGTGAGTACAGTGTGAGACACAGAGAGAGGCCACAGT	600
QY	601	GCCTGTCTCCATCCTCAGGACTCCGCTTGGCCCCAAATGGGAAGAGACTGTCTAGATATTG	660
DB	601	GCCTGTCTCCATCCTCAGGACTCCGCTTGGCCCCAAATGGGAAGAGACTGTCTAGATATTG	660

1741	QY	CGTCTGCTGCTTTTCAGGCTTATGTCCAGATAGCCCTTTATCTGTGGATGACTGAAATGTT	1800
1741	DB	CGTCTGCTGCTTTTCAGGCTTATGTCCAGATAGCCCTTTATCTGTGGATGACTGAAATGTT	1800
1801	QY	ACTATCTTTATATTGACTTTGTATGTCAGTGTCCCTGGSTTTTTTGTATATGCAATCATAG	1860
1801	DB	ACTATCTTTATATTGACTTTGTATGTCAGTGTCCCTGGSTTTTTTGTATATGCAATCATAG	1860
1861	QY	GACCTCTGGCAATTTTAGAATAATTACTAGCTGAAAAATTTGTAATGACCAACAGAAAAATTTAT	1920
1861	DB	GACCTCTGGCAATTTTAGAATAATTACTAGCTGAAAAATTTGTAATGACCAACAGAAAAATTTAT	1920
1921	QY	TGTAGATGCCCTTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
1921	DB	TGTAGATGCCCTTTCTGTATAGATATGCCAATATTTGCTTTAAATATCATATCACTGT	1980
1981	QY	ATCTTCTCAGTCAATTTCTCGAATCTTTCCNCAATATATATATAAAATNTGGAAANTCTAGTT	2040
1981	DB	ATCTTCTCAGTCAATTTCTCGAATCTTTCCNCAATATATATATAAAATNTGGAAANTCTAGTT	2040
2041	QY	TATCTCCCTCCTCCTCNGTGATATCTGATTTGTATANGTANGTTCATGNGCTTCTCTCTACAA	2100
2041	DB	TATCTCCCTCCTCCTCNGTGATATCTGATTTGTATANGTANGTTCATGNGCTTCTCTCTACAA	2100
2101	QY	CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAAATGTTTAACTGTTTGTACTTATGAT	2160
2101	DB	CATTTCTAGAAAAATAGAAAAAAGACACAGAGAAAATGTTTAACTGTTTGTACTTATGAT	2160
2161	QY	ACTTCTTGGAAAATCTAGACATCAAAAGNATGACTTTTGGCTTAAGTGGCTTAGCTGGGCTTT	2220
2161	DB	ACTTCTTGGAAAATCTAGACATCAAAAGNATGACTTTTGGCTTAAGTGGCTTAGCTGGGCTTT	2220
2221	QY	TCATAGCCAAACTTGTATATTTAAATCTTTGTAAATAATAA 2260	
2221	DB	TCATAGCCAAACTTGTATATTTAAATCTTTGTAAATAATAA 2260	

RESULT 47

US-01-167-749-118  
Sequence 118, Application US/10167749  
Publication No. US20030056137A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Acids and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P160  
CURRENT APPLICATION NUMBER: US/10/167,749

```

/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 118
/ LENGTH: 2260
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 2009, 2026, 2033, 205S, 2074, 2078, 2086
/ OTHER INFORMATION: unknown base
US-10-167-749-118

```

Query Match	99.7%;	Score 2253;	DB 15;	Length 2260;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 2260;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	CGGACGCGTGGGTCCGAGTCGGAGCGAGAGACCCGAGCGGCTCAGAGAGAGAGGCGCGC	60	
Db	1	CGGACGCGTGGGTCCGAGTCGGAGCGAGAGACCCGAGCGGCTCAGAGAGAGAGGCGCGC	60	
QY	61	GCTTAGCTGCTACGGGGTCCGGCCGCGGCCCTCCGAGGGGGGCTCAGAGAGAGAGGA	120	
Db	61	GCTTAGCTGCTACGGGGTCCGGCCGCGGCCCTCCGAGGGGGGCTCAGAGAGAGAGGA	120	
QY	121	GGACCCGTGCGAGAAATGCCTCTGCCCTGGAGGACTTTGCCTCCCGCTGCTCTCTCTGGG	180	
Db	121	GGACCCGTGCGAGAAATGCCTCTGCCCTGGAGGACTTTGCCTCCCGCTGCTCTCTCTGGG	180	
QY	181	TGGCAGGTGGTTTCGGAGACGGCGCAGTGCAGAGCATCAGGGTTGTTAGCATCGGCAC	240	
Db	181	TGGCAGGTGGTTTCGGAGACGGCGCAGTGCAGAGCATCAGGGTTGTTAGCATCGGCAC	240	
QY	241	GTACGCTGGGGTCTGTCACTATGGAACATAAACTGGCCCTGCTGTACGGCTGGAGAGAA	300	
Db	241	GTACGCTGGGGTCTGTCACTATGGAACATAAACTGGCCCTGCTGTACGGCTGGAGAGAA	300	
QY	301	ACAGCAAGGAGTCTGGAAGCTACATGGCACTGGATGTAAGTTTGGTGAAGTCGTGG	360	
Db	301	ACAGCAAGGAGTCTGGAAGCTACATGGCACTGGATGTAAGTTTGGTGAAGTCGTGG	360	
QY	361	GACCAAAACAAATGCAGATGTTTCCAGGATACACCGGGAAACCTGCAAGTGTGA	420	
Db	361	GACCAAAACAAATGCAGATGTTTCCAGGATACACCGGGAAACCTGCAAGTGTGA	420	
QY	421	ATGAGTGTGGAAATGAAACCCCGCCCATGCCACACAGATGTGTGAATACACCGGAGCT	480	
Db	421	ATGAGTGTGGAAATGAAACCCCGCCCATGCCACACAGATGTGTGAATACACCGGAGCT	480	
QY	481	ACAAAGTGTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTACGTTGTGAACTCTA	540	
Db	481	ACAAAGTGTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTACGTTGTGAACTCTA	540	



541 GGACATGTGCCATGATAAATCTGTCAGTACAGCTGTGAAGACACAGAGAAGAGGCCACAGT 600  
Db  
541 GGACATGTGCCATGATAAATCTGTCAGTACAGCTGTGAAGACACAGAGAAGAGGCCACAGT 600  
Qy  
601 GCCTGTGTCATCTCCAGACTCCGCTGCGCCCAATGCGAGAGACTGTCAGATATTC 660  
Db  
601 GCCTGTGTCATCTCCAGACTCCGCTGCGCCCAATGCGAGAGACTGTCAGATATTC 660  
Qy  
661 ATGAATGTGCTCTGCTAAAGTCACTCTGCTCCCTCAATCGAAGATGTGTGAACACATTTG 720  
Db  
661 ATGAATGTGCTCTGCTAAAGTCACTCTGCTCCCTCAATCGAAGATGTGTGAACACATTTG 720  
Qy  
721 GAAGCTACTACTGCAAAATGTCAATGTGTTGCAAGTCTGCAATATATCAGTGGAGATATG 780  
Db  
721 GAAGCTACTACTGCAAAATGTCAATGTGTTGCAAGTCTGCAATATATCAGTGGAGATATG 780  
Qy  
781 ACTGTATAGATATAAATGAATGTAATGTAAGTACCTGAGGATAGCCTACAGACCTGTTACCA 840  
Db  
781 ACTGTATAGATATAAATGAATGTAATGTAAGTACCTGAGGATAGCCTACAGACCTGTTACCA 840  
Qy  
841 GCTTCAATACCCAGAGGTCCTTCAAGTGTAAATGCAAGCGGGATATAAAGGCAATGGAC 900  
Db  
841 GCTTCAATACCCAGAGGTCCTTCAAGTGTAAATGCAAGCGGGATATAAAGGCAATGGAC 900  
Qy  
901 TTCGGTGTCTGCTATCCCTGAAATCTGTCGAAGGAAGTCTCAGAGACCTGTTACCA 960  
Db  
901 TTCGGTGTCTGCTATCCCTGAAATCTGTCGAAGGAAGTCTCAGAGACCTGTTACCA 960  
Qy  
961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCAACAAAACAGCATGAAAAGAGGCAAAA 1020  
Db  
961 TCAAGACAGAAATCAAGAAAGTGTCTGCTCAACAAAACAGCATGAAAAGAGGCAAAA 1020  
Qy  
1021 TTAATAATGTTACCCAGAACCCACAGAGACTTCTACCCCTAAGTGTGAATTCAGGCT 1080  
Db  
1021 TTAATAATGTTACCCAGAACCCACAGAGACTTCTACCCCTAAGTGTGAATTCAGGCT 1080  
Qy  
1081 TCAATATGAAGAGATAGTCTTCAAGAGGCGGAACTCTCATGAGGTAAAAAGGGAATG 1140  
Db  
1081 TCAATATGAAGAGATAGTCTTCAAGAGGCGGAACTCTCATGAGGTAAAAAGGGAATG 1140  
Qy  
1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200  
Db  
1141 AAGAGAAATGAAGAGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAGAAATGA 1200  
Qy  
1201 CATAGAGAGCGAAGCTGCGAGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Db  
1201 CATAGAGAGCGAAGCTGCGAGAGATGTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
Qy  
1261 ATTCCGCTGATCTGCTCAAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320  
Db  
1261 ATTCCGCTGATCTGCTCAAAAGGAAGCGCTAACTTCCAACTGGAACATAAAGATTT 1320  
Qy  
1321 AAATATCTCGTTGACATGACGCTTCAATCATGGATCTGTGACTGGAACACAGATAGAGA 1380  
Db  
1321 AAATATCTCGTTGACATGACGCTTCAATCATGGATCTGTGACTGGAACACAGATAGAGA 1380  
Qy  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTTATGCTTCTATATGGCAGT 1440  
Db  
1381 AGATGATTTGACTGGAATCTGCTGATCGAGATATGCTTATGCTTCTATATGGCAGT 1440  
Qy  
1441 TCCGGCTTGCAGGTCACAGAGACATTTGCGGATGAAACTTCTCTACCTGACCT 1500  
Db  
1441 TCCGGCTTGCAGGTCACAGAGACATTTGCGGATGAAACTTCTCTACCTGACCT 1500  
Qy  
1501 GCAACCCCAAGCAACTTCTGTTTCTCTTGTATCCGCTGCGCGAGACAAAGTCGG 1560  
Db  
1501 GCAACCCCAAGCAACTTCTGTTTCTCTTGTATCCGCTGCGCGAGACAAAGTCGG 1560  
Qy  
1561 GAACCTCGAGTCTTGTGAAGAAACAGTAACTGCGGATGGAGAGACACAGAG 1620  
Db  
1561 GAACCTCGAGTCTTGTGAAGAAACAGTAACTGCGGATGGAGAGACACAGAG 1620  
Qy  
1621 TGAGATGAAAAGTGAAGACAGGGAATTTAGTTTGTATCAAGGAACATGATCTACCAA 1680

1621 TGAGATGAAAAGTGAAGACAGGGAATTTAGTTGTATCAAGGAACATGATCTACCAA 1680  
Qy  
1681 AAGCATCATTTTGAAGCAGAAACGTGGCAAGGGCAAAACCGGCAAAATCCAGTGGATGG 1740  
Db  
1681 AAGCATCATTTTGAAGCAGAAACGTGGCAAGGGCAAAACCGGCAAAATCCAGTGGATGG 1740  
Qy  
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTCGATGACATGATTT 1800  
Db  
1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTCGATGACATGATTT 1800  
Qy  
1801 ACTATCTTTATATTTGACTTTGATGTCAGTCCCTGCTTTTGTATTTGATATTCATATG 1860  
Db  
1801 ACTATCTTTATATTTGACTTTGATGTCAGTCCCTGCTTTTGTATTTGATATTCATATG 1860  
Qy  
1861 GACCTCTGCGCATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTACCAAGAAATATAT 1920  
Db  
1861 GACCTCTGCGCATTTTAGAATTTACTAGCTGAAAAATTTGTAATGTACCAAGAAATATAT 1920  
Qy  
1921 TGTAAGATGCTTCTTCTGATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980  
Db  
1921 TGTAAGATGCTTCTTCTGATAAGATATGCCAATATTTGCTTTTAAATATCATATCACTGT 1980  
Qy  
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040  
Db  
1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAATNTGGAANGTCAGTT 2040  
Qy  
2041 TATCTCCCTCTCNGTATATCTGATTTTGTATANGTANGTCTCTCTCTACAA 2100  
Db  
2041 TATCTCCCTCTCNGTATATCTGATTTTGTATANGTANGTCTCTCTCTACAA 2100  
Qy  
2101 CATTTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTTTATGAT 2160  
Db  
2101 CATTTCTAGAAAATAGAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTTTATGAT 2160  
Qy  
2161 ACTTCTTGAAGAACTGACATCAAGATAGACTTTTGCTAAGTGGCTTAGCTGGGTCTT 2220  
Db  
2161 ACTTCTTGAAGAACTGACATCAAGATAGACTTTTGCTAAGTGGCTTAGCTGGGTCTT 2220  
Qy  
2221 TCATAGCCAAACTGTGATATTTAAATTTCTTTGTAATAATAA 2260  
Db  
2221 TCATAGCCAAACTGTGATATTTAAATTTCTTTGTAATAATAA 2260

RESULT 48  
US-10-013-921A-118  
; Sequence 118, Application US/10013921A  
; Publication No. US20030068648A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Sheiton, David L.  
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: F2630PIC84  
CURRENT APPLICATION NUMBER: US/10/013,921A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07

Query Match 99.7%; Score 2253; DB 15; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCGG 60  
1 CGGACGCTGGGTGCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGAGGCGCGG 60

61 GCTTAGCTGCTACGGGTCGCGGTCGCGGCGGCTCCGAGGCGGCTCAGGAGAGAGAGG 120  
61 GCTTAGCTGCTACGGGTCGCGGTCGCGGCGGCTCCGAGGCGGCTCAGGAGAGAGAGG 120

121 GGACCGTGGAGAGTCCCTGCTGCTGAGGCTGCGGCTGCGGCTGCTGCTGCTGCTGCTG 180  
121 GGACCGTGGAGAGTCCCTGCTGCTGAGGCTGCGGCTGCGGCTGCTGCTGCTGCTGCTG 180

181 TGGCAGGTGCTTTCCGGAACCGCGGCGGCTGCGGAGGATCAGCGGTTGTTAGCATCGGC 240  
181 TGGCAGGTGCTTTCCGGAACCGCGGCGGCTGCGGAGGATCAGCGGTTGTTAGCATCGGC 240

241 GTGAGCTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 300  
241 GTGAGCTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 300

301 ACAGCAGGAGTCTGTGAGTCTGCTGAGTCTGCTGAGTCTGCTGAGTCTGCTGAGTCTG 360  
301 ACAGCAGGAGTCTGTGAGTCTGCTGAGTCTGCTGAGTCTGCTGAGTCTGCTGAGTCTG 360

361 GACCAACCAATGAGATGCTTTCCAGGATACACCGGGAACCTGCTGAGTCTGAGTCTG 420  
361 GACCAACCAATGAGATGCTTTCCAGGATACACCGGGAACCTGCTGAGTCTGAGTCTG 420

421 ATGAGTGTGAATGAACCCCGGCTGCTGCAACACAGATGCTGTAATACACCGGAGCT 480  
421 ATGAGTGTGAATGAACCCCGGCTGCTGCAACACAGATGCTGTAATACACCGGAGCT 480

481 ACAAGTCTTTGCTCAGTGGGCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540  
481 ACAAGTCTTTGCTCAGTGGGCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540

541 GGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600  
541 GGACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 600

601 GCCTGTGTCCATCCTCAGGACTCCGCTGCGGCCCAAAATGGAAGAGACTGTCTAGATATG 660

601 GCCTGTGTCCATCCTCAGGACTCCGCTGCGGCCCAAAATGGAAGAGACTGTCTAGATATG 660  
661 ATGAATGTGCTCTGGTAAAGTCAATCTGCTCAATCGAAGATGTGTGAACACACATTTG 720  
661 ATGAATGTGCTCTGGTAAAGTCAATCTGCTCAATCGAAGATGTGTGAACACACATTTG 720

721 GAAGCTACTCTGCAAAATGTCAATTTGTTTGAATGCAATATATCATGCTGAGGAGATG 780  
721 GAAGCTACTCTGCAAAATGTCAATTTGTTTGAATGCAATATATCATGCTGAGGAGATG 780

781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATGAT 840  
781 ACTGTATAGATATAAATGAATGTACTATGATGATGATGATGATGATGATGATGATGAT 840

841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATCAAGCAGGAGATATAAAGGCAATGGAC 900  
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATCAAGCAGGAGATATAAAGGCAATGGAC 900

901 TTTCGGTGTGCTATCCTGAAATCTGTGAAAGGAGTCTCTCAGAGCACCTGCTACCA 960  
901 TTTCGGTGTGCTATCCTGAAATCTGTGAAAGGAGTCTCTCAGAGCACCTGCTACCA 960

961 TCAAGACAGATCAAGAAATGCTGCTCAAAAAACAGCATGAAAAAGAGCAAAAA 1020  
961 TCAAGACAGATCAAGAAATGCTGCTCAAAAAACAGCATGAAAAAGAGCAAAAA 1020

1021 TTAATAATGTTTACCCAGAACCCAGGACTCTTACCCCTAAGTGAATCTTGCAGGCT 1080  
1021 TTAATAATGTTTACCCAGAACCCAGGACTCTTACCCCTAAGTGAATCTTGCAGGCT 1080

1081 TCACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGAGTAAAAAGGGAATG 1140  
1081 TCACTATGAGAGATAGTTTCCAGAGCGGGAATCTCTCATGAGGAGTAAAAAGGGAATG 1140

1141 AAGAGAAATGAAGAGGCTTGAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
1141 AAGAGAAATGAAGAGGCTTGAAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200

1201 CATAGAGGAGCAAGCTCGGAGGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260  
1201 CATAGAGGAGCAAGCTCGGAGGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260

1261 ATTGCGCTGATCTGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGATTT 1320  
1261 ATTGCGCTGATCTGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGATTT 1320

1321 AAATATCTCGGTTGACTGAGTCAATCATGAGGATCTGCTGAGTGAATGAAGCAGGTGA 1380  
1321 AAATATCTCGGTTGACTGAGTCAATCATGAGGATCTGCTGAGTGAATGAAGCAGGTGA 1380

1381 AGATGATTTTGAATGCTGCTGATGAGATGATGATGATGATGATGATGATGATGATG 1440  
1381 AGATGATTTTGAATGCTGCTGATGAGATGATGATGATGATGATGATGATGATGATG 1440

1441 TCCGCGCTTGGCAGGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGCT 1500  
1441 TCCGCGCTTGGCAGGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGCT 1500

1501 GCAACCCCAAGCAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1560  
1501 GCAACCCCAAGCAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1560

1561 GAAATCTCAGGTTTGTGAAAAACAGTAAATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1620  
1561 GAAATCTCAGGTTTGTGAAAAACAGTAAATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1620

1621 TGAGGATGAAAAAGTGAAGACAGGGAATTTGATGTTGATCAAGAACTGATGCTACCA 1680  
1621 TGAGGATGAAAAAGTGAAGACAGGGAATTTGATGTTGATCAAGAACTGATGCTACCA 1680

1681 AAGCATCTTTTGAAGCAG 1740

Db 1681 AAGCATCATTTTGAAGCAGAAAGTGGCAAGGCAAAACGGCGAAATCGCAGTGGATGG 1740  
Qy 1741 CGTCTGCTGTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
Db 1741 CGTCTGCTGTTTTCAGGCTTATGTCCAGATAGCCCTTTTATCTGTGGATGACTGAATGTT 1800  
Qy 1801 ACTATCTTTATATGACTTTGTATGTGATGCTCCCTGGTGTGTTTGTATGATCATCATAG 1860  
Db 1801 ACTATCTTTATATGACTTTGTATGTGATGCTCCCTGGTGTGTTTGTATGATCATCATAG 1860  
Qy 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGCATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Qy 1921 TGTAAAGTGGCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATCATCATGTT 1980  
Db 1921 TGTAAAGTGGCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATCATCATGTT 1980  
Qy 1981 ATCTTCTCAGTCATTTCTGATCTTCCNCAATATATTAATAATGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGATCTTCCNCAATATATTAATAATGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
Db 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTGATGCTTCTCTACAA 2100  
Qy 2101 CATTTCTAGAAATAGAAAAGACACAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
Db 2101 CATTTCTAGAAATAGAAAAGACACAGAAATGTTTAACTGTTGACTCTTATGAT 2160  
Qy 2161 ACTTCTTGAAACATGACATCAAGATAGACTTTTGCCCTAAGTGGCTTAGCTGGTCTTT 2220  
Db 2161 ACTTCTTGAAACATGACATCAAGATAGACTTTTGCCCTAAGTGGCTTAGCTGGTCTTT 2220  
Qy 2221 TCATAGCAAACTTGTATATTTAACTTTGTAAATATA 2260  
Db 2221 TCATAGCAAACTTGTATATTTAACTTTGTAAATATA 2260

## RESULT 49

US-10-013-929A-118

; Sequence 118, Application US/10013929A

; Publication No. US200300745A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kijavini, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC89  
CURRENT APPLICATION NUMBER: US/10/013,929A  
PRIOR FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08

;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 99.7%; Score 2253; DB 15; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACGCGTGGTGGAGTGGAGCGGAGCCCGAGCGGCTGAGGAGGAGGAGCGCG 60  
Db 1 CGGACGCGTGGTGGAGTGGAGCGGAGCCCGAGCGGCTGAGGAGGAGGAGCGCG 60

Qy 61 GCTTAGTGTCTACGGGGTCCGGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGA 120  
Db 61 GCTTAGTGTCTACGGGGTCCGGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGA 120

Qy 121 GGACCGGTGCGAGATGCTCTGCGCTGGAGCTTGCCTCCCGTCTGCTCTCTCTGG 180  
Db 121 GGACCGGTGCGAGATGCTCTGCGCTGGAGCTTGCCTCCCGTCTGCTCTCTCTGG 180

Qy 181 TGCGAGGTGTTTCGGGAACGGCGGCGAGTCAAGGCATCAGGGTGTGTAGCATCGGCAC 240  
Db 181 TGCGAGGTGTTTCGGGAACGGCGGCGAGTCAAGGCATCAGGGTGTGTAGCATCGGCAC 240

Qy 241 GTCAGCTGGGTCTGTCTATGAACTAACTGCGCTGTCTGCTACGGCTGGAGAGAA 300  
Db 241 GTCAGCTGGGTCTGTCTATGAACTAACTGCGCTGTCTGCTACGGCTGGAGAGAA 300

Qy 301 ACAGCAAGGGAGTCTGTGAAGTCTACATCGAACCTGGATGTAAGTTTGGTGCCTGG 360  
Db 301 ACAGCAAGGGAGTCTGTGAAGTCTACATCGAACCTGGATGTAAGTTTGGTGCCTGG 360

Qy 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGTGA 420  
Db 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGTGA 420

Qy 421 ATGAGTGTGGAATGAACCCCGGCGCATGCGAACAGATGTGTGAATACACAGCAAGCT 480  
Db 421 ATGAGTGTGGAATGAACCCCGGCGCATGCGAACAGATGTGTGAATACACAGCAAGCT 480

Qy 481 ACAAGTGTCTTTTGCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540  
Db 481 ACAAGTGTCTTTTGCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACCTTA 540

Qy 541 GGACATGTGCCATGATAAATGTCTAGTACAGTGTGAAGACACAGAGAGGGCCACAGT 600  
Db 541 GGACATGTGCCATGATAAATGTCTAGTACAGTGTGAAGACACAGAGAGGGCCACAGT 600

Qy 601 GCCTGTGTCCATCTCTCAGGACTCCGGCTGGCCCGCAAAATGGAAGAGACTGTCTAGATATTG 660  
Db 601 GCCTGTGTCCATCTCTCAGGACTCCGGCTGGCCCGCAAAATGGAAGAGACTGTCTAGATATTG 660

Qy 661 ATGAATGTGCTCTGTGTAAGTCACTGTCCCTACATCGAAGATGTGTGAACATTTTG 720

661 ATGAATGTGCTCTGGTAAAGTCACTGTCCCTACAAATGGAAGATGTGGAACACATTTG 720  
721 GAAGCTACTACTGCAAAATGTCAATTCGTTTCGAACTGCAATATATCACTGACGACATATG 780  
721 GAAGCTACTACTGCAAAATGTCAATTCGTTTCGAACTGCAATATATCACTGACGACATATG 780  
781 ACTGTATAGATATTAATTAATGTACTATGATGATGATGATGATGATGATGATGATGATGAT 840  
781 ACTGTATAGATATTAATTAATGTACTATGATGATGATGATGATGATGATGATGATGATGAT 840  
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900  
841 GCTTCAATACCAAGGCTCTTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900  
901 TTCGGTGTTCGTATACCCCGAAGCTCTGTAAGGAATGTCCTCAGAGCACTGCTGATACCA 960  
901 TTCGGTGTTCGTATACCCCGAAGCTCTGTAAGGAATGTCCTCAGAGCACTGCTGATACCA 960  
961 TCAAGACAGAAATCAAGAAATGCTCTCACAAGAAACAGCATGAAAGAAAGGCAAAA 1020  
961 TCAAGACAGAAATCAAGAAATGCTCTCACAAGAAACAGCATGAAAGAAAGGCAAAA 1020  
1021 TTAAGAAATGTTACCCCGAAGCTCTGTAAGGAATGTCCTCAGAGCACTGCTGATACCA 1080  
1021 TTAAGAAATGTTACCCCGAAGCTCTGTAAGGAATGTCCTCAGAGCACTGCTGATACCA 1080  
1081 TCAAGACAGAAATCAAGAAATGCTCTCACAAGAAACAGCATGAAAGAAAGGCAAAA 1140  
1081 TCAAGACAGAAATCAAGAAATGCTCTCACAAGAAACAGCATGAAAGAAAGGCAAAA 1140  
1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAAAGGCAAAAAGGCAAAA 1200  
1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAAAGGCAAAAAGGCAAAA 1200  
1201 CATAGAGAGGAGGAGCTGCGAGAGAGATGTTTTCCTTAAGGTGAATGAGCAGGTGA 1260  
1201 CATAGAGAGGAGGAGCTGCGAGAGAGATGTTTTCCTTAAGGTGAATGAGCAGGTGA 1260  
1261 ATTGGGCTGATCTGGTCCAAAGGAAAGCGCTAACTTCCAAATCGGAACATAAGATTT 1320  
1261 ATTGGGCTGATCTGGTCCAAAGGAAAGCGCTAACTTCCAAATCGGAACATAAGATTT 1320  
1321 AAATATCTCGTGTGACTGACGCTTCAATCATGAGGATGCTGCTGAGTGAAGCAGATAGAG 1380  
1321 AAATATCTCGTGTGACTGACGCTTCAATCATGAGGATGCTGCTGAGTGAAGCAGATAGAG 1380  
1381 AGATGATTTTGAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440  
1381 AGATGATTTTGAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440  
1441 TCGGCTCTGCGAGTCAAGAGAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500  
1441 TCGGCTCTGCGAGTCAAGAGAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500  
1501 GCAAGCCCAAGCAATCTGTTGCTCTTGTGATTAACGGCTGCGCGGAGACAAAGTCGG 1560  
1501 GCAAGCCCAAGCAATCTGTTGCTCTTGTGATTAACGGCTGCGCGGAGACAAAGTCGG 1560  
1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAAACATGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620  
1561 GAAACTTCAGTGTGTTGTAAGAAACAGTAAACATGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620  
1621 TGAGGATGAAAGTGAAGAGAGAGGAGAAATTCAGTGTGATCAAGGAACTGATGCTACCAA 1680  
1621 TGAGGATGAAAGTGAAGAGAGAGGAGAAATTCAGTGTGATCAAGGAACTGATGCTACCAA 1680  
1681 AAGCATCATTTTGAAGCGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1740  
1681 AAGCATCATTTTGAAGCGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1740  
1741 CGTCTGCTGTTTTCAGGCTTATGCTCAGATAGAGCTTTTATCTGCTGATGACTGAATGTT 1800  
1741 CGTCTGCTGTTTTCAGGCTTATGCTCAGATAGAGCTTTTATCTGCTGATGACTGAATGTT 1800

QY 1801 ACTATCTTTATATTTGACTTTTGTATGTATGTATGTATGTATGTATGTATGTATGTATGTAT 1860  
DB 1801 ACTATCTTTATATTTGACTTTTGTATGTATGTATGTATGTATGTATGTATGTATGTATGTAT 1860  
QY 1861 GACCTCTGCAATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
DB 1861 GACCTCTGCAATTTTGAATTTACTAGCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGAAGATGCTTTCTTGTATTAAGATATGCAATATTTTGTCTTTAAATATCATCATCTGT 1980  
DB 1921 TGAAGATGCTTTCTTGTATTAAGATATGCAATATTTTGTCTTTAAATATCATCATCTGT 1980  
QY 1981 ATCTTCTCAGTCAATTTCTGAACTTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTTCTCAGTCAATTTCTGAACTTTCCNCAATATATATATAAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCTCNGTATATCTGATTTTGTATFANGTGTATGATGCTTCTCTCTACAA 2100  
DB 2041 TATCTCCCTCTCTCNGTATATCTGATTTTGTATFANGTGTATGATGCTTCTCTCTACAA 2100  
QY 2101 CATTTCTAGAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
DB 2101 CATTTCTAGAAATGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
QY 2161 ACTTTCTGGAATCTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
DB 2161 ACTTTCTGGAATCTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGTCTT 2220  
QY 2221 TCATAGCAAACTGATATATTTAACTTTCTTTGTAATATAA 2260  
DB 2221 TCATAGCAAACTGATATATTTAACTTTCTTTGTAATATAA 2260

## RESULT 50

US-10-016-177A-118  
; Sequence 118, Application US/10016177A  
; Publication No. US20030073131A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gottlieb, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijav, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Pao, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C90  
; CURRENT APPLICATION NUMBER: US/10/016,177A  
; CURRENT FILING DATE: 2002-04-30  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 624



; SEQ ID NO 118									
; LENGTH: 2260									
; TYPE: DNA									
; ORGANISM: Homo sapiens									
; FEATURE:									
; NAME/KEY: unsure									
; LOCATION: 209, 2026, 2033, 2055, 2074, 2078, 2086									
; OTHER INFORMATION: unknown base									
US-10-016-177A-118									
Query Match 99.7%; Score 2253; DB 15; Length 2260;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	CGACCGCTGGTGCAGTGGAGCGAGACCGGAGCGCTGAGAGAGAGCGCGG	60						
Db	1	CGACCGCTGGTGCAGTGGAGCGAGACCGGAGCGCTGAGAGAGAGCGCGG	60						
Qy	61	GCTTAGCTGTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGAGGA	120						
Db	61	GCTTAGCTGTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGAGGA	120						
Qy	121	GGACCGTGGAGAAATGCTCTGCTGCTGAGAGCTTGGCTCCGGCTGCTCTGG	180						
Db	121	GGACCGTGGAGAAATGCTCTGCTGCTGAGAGCTTGGCTCCGGCTGCTCTGG	180						
Qy	181	TGGCAGTGGTTCGGGAACCGCGGCGAGTGCAGGCAATCAGGGTGTAGCATCGGC	240						
Db	181	TGGCAGTGGTTCGGGAACCGCGGCGAGTGCAGGCAATCAGGGTGTAGCATCGGC	240						
Qy	241	GTGAGCTGGGGTCTGTCACTATGGAATTAACGTGCGCTGTGCTACGGCTGGAGAA	300						
Db	241	GTGAGCTGGGGTCTGTCACTATGGAATTAACGTGCGCTGTGCTACGGCTGGAGAA	300						
Qy	301	ACAGCAAGGAGCTGTGAGAGTACATGCGAATCGGATGTAAGTTGTGAGTGCCTGG	360						
Db	301	ACAGCAAGGAGCTGTGAGAGTACATGCGAATCGGATGTAAGTTGTGAGTGCCTGG	360						
Qy	361	GACCAACAAATGCAATGCTTCCAGGATACACCGGGAAACCTGCACTCAAGATGTA	420						
Db	361	GACCAACAAATGCAATGCTTCCAGGATACACCGGGAAACCTGCACTCAAGATGTA	420						
Qy	421	ATGAGTGGAAATGAACCCCGGCGATGCCACACAGATGTGTAATACACCGAGCT	480						
Db	421	ATGAGTGGAAATGAACCCCGGCGATGCCACACAGATGTGTAATACACCGAGCT	480						
Qy	481	ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAACTCTA	540						
Db	481	ACAAGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTAGTGTGAACTCTA	540						
Qy	541	GGACATGCGCATGATAAATGTCAGTACAGCTGTGAACACAGACAGAGGCGCACAGT	600						
Db	541	GGACATGCGCATGATAAATGTCAGTACAGCTGTGAACACAGACAGAGGCGCACAGT	600						
Qy	601	GCCTGTGTCATCCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATAATG	660						
Db	601	GCCTGTGTCATCCTCAGGACTCCGCTGGCCCAATGGAAGAGACTGTCTAGATAATG	660						
Qy	661	ATGAATGTCCTCTGTAAGTCACTGTCCCTACAAATGGAAGAGACTGTCTAGATAATG	720						
Db	661	ATGAATGTCCTCTGTAAGTCACTGTCCCTACAAATGGAAGAGACTGTCTAGATAATG	720						
Qy	721	GAAGTACTACTGCAATGTCAATTTGGTTTGAATGCAATATATCATGTGACCATATG	780						
Db	721	GAAGTACTACTGCAATGTCAATTTGGTTTGAATGCAATATATCATGTGACCATATG	780						
Qy	781	ACTGTATAGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
Db	781	ACTGTATAGATATAATGATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
Qy	841	GCTTCAATATCCAGGGTCTCTCAAGTGAATGCAAGCAGGATATAAGCAATGGAC	900						
Db	841	GCTTCAATATCCAGGGTCTCTCAAGTGAATGCAAGCAGGATATAAGCAATGGAC	900						

Qy	901	TTCCGTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCCCTCAGAGCACCTGGTACCA	960
Db	901	TTCCGTGTTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCCCTCAGAGCACCTGGTACCA	960
Qy	961	TCAAAGACAGAAATCAAGAGTTGCTTCTCAAAAAACAGCATCAAAAAAGGCAAAAA	1020
Db	961	TCAAAGACAGAAATCAAGAGTTGCTTCTCAAAAAACAGCATCAAAAAAGGCAAAAA	1020
Qy	1021	TTAAAAATGTTACCCCAAGACCCACAGGACTCTCAACCTTAAGGTGAACCTTCAGGCCT	1080
Db	1021	TTAAAAATGTTACCCCAAGACCCACAGGACTCTCAACCTTAAGGTGAACCTTCAGGCCT	1080
Qy	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAAGGGAAATG	1140
Db	1081	TCAACTATGAAGAGATAGTTTCCAGAGCGGGAATCTCATGGAGGTAAAAAGGGAAATG	1140
Qy	1141	AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAAGATGA	1200
Db	1141	AAGAGAAATGAAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTGAAAGATGA	1200
Qy	1201	CATAGAGGCGAAGCCCTGCGAGGAGATGCTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
Db	1201	CATAGAGGCGAAGCCCTGCGAGGAGATGCTTTTCCCTTAAGGTGAATGAAGCAGGTGA	1260
Qy	1261	ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTTCCAAACTGGAAACATAAGATT	1320
Db	1261	ATTCCGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTTCCAAACTGGAAACATAAGATT	1320
Qy	1321	AAATATCTGGTGTGACTGCGAGCTTCAATCATAGGATCTGTGACTGGAAACAGGATAGGA	1380
Db	1321	AAATATCTGGTGTGACTGCGAGCTTCAATCATAGGATCTGTGACTGGAAACAGGATAGGA	1380
Qy	1381	AGATGATTTTGAATGGAATCTCTGCTGATCGAGATAAATCTTATGGCTTCTATATGGCAGT	1440
Db	1381	AGATGATTTTGAATGGAATCTCTGCTGATCGAGATAAATCTTATGGCTTCTATATGGCAGT	1440
Qy	1441	TCGCGCTTGGCAGGTGCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT	1500
Db	1441	TCGCGCTTGGCAGGTGCAAGAAAGACATTTGGCGGATTTGAAACTTCTCTACCTGACCT	1500
Qy	1501	GCACCCCAAGCAACTTCTGTTGCTCTTTGATTAACCGGCTGGCCGAGACAAAGTCGG	1560
Db	1501	GCACCCCAAGCAACTTCTGTTGCTCTTTGATTAACCGGCTGGCCGAGACAAAGTCGG	1560
Qy	1561	GAACTTTCAGTGTGTTGTAAGAAACAGTAAACATGCTGCGATGGGAGAGAACACAG	1620
Db	1561	GAACTTTCAGTGTGTTGTAAGAAACAGTAAACATGCTGCGATGGGAGAGAACACAG	1620
Qy	1621	TGAGGATGAAAGTGAACACAGGGAATAATTCAGTTGTATCAAGGAATGATGTACCAA	1680
Db	1621	TGAGGATGAAAGTGAACACAGGGAATAATTCAGTTGTATCAAGGAATGATGTACCAA	1680
Qy	1681	AAGCATCATTTTGAAGACGAGACGTCGCAAGGCAAAAAACCGCGGAAATTCGAGTGGATGG	1740
Db	1681	AAGCATCATTTTGAAGACGAGACGTCGCAAGGCAAAAAACCGCGGAAATTCGAGTGGATGG	1740
Qy	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGATGAAATGTT	1800
Db	1741	CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGGATGATGAAATGTT	1800
Qy	1801	ACTATCTTTATATTTGACTTTCTATGTTCAGTTTCTGCTGTTTGTGATTTGCAATCATAG	1860
Db	1801	ACTATCTTTATATTTGACTTTCTATGTTCAGTTTCTGCTGTTTGTGATTTGCAATCATAG	1860
Qy	1861	GACCTCTGCATTTTGAATTTACTAGCTGAAATAATGTAATGTAACCAAGAAATATTTAT	1920
Db	1861	GACCTCTGCATTTTGAATTTACTAGCTGAAATAATGTAATGTAACCAAGAAATATTTAT	1920
Qy	1921	TGTAAGATGCTTCTTGTATTAAGATATGCAAAATTTGCTTTAAATATCATATCATCTGT	1980
Db	1921	TGTAAGATGCTTCTTGTATTAAGATATGCAAAATTTGCTTTAAATATCATATCATCTGT	1980

QY 1981 ATCTCTCAGTCATTCTGAAATCTTTCCNCATTATATATAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTCTCAGTCATTCTGAAATCTTTCCNCATTATATATAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGCTTCTCTACAA 2100  
DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTTGATGCTTCTCTACAA 2100  
QY 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAACCTCTTATGAT 2160  
DB 2101 CATTTCTAGAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGAACCTCTTATGAT 2160  
QY 2161 ACTTCTTGGAACATGACATCAAGATAGACTTTTGCCTTAAGTGCCTAGCTGGTCTTT 2220  
DB 2161 ACTTCTTGGAACATGACATCAAGATAGACTTTTGCCTTAAGTGCCTAGCTGGTCTTT 2220  
QY 2221 TCATAGCCAACTTGTTATATTTAATTTCTTTGTAATAATAA 2260  
DB 2221 TCATAGCCAACTTGTTATATTTAATTTCTTTGTAATAATAA 2260

## RESULT 51

US-10-166-709A-118  
; Sequence 118, Application US/10166709A  
; Publication No. US20030104536A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrata, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary B.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC59  
; CURRENT APPLICATION NUMBER: US/10/166,709A  
; CURRENT FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796  
; PRIOR FILING DATE: 1998-04-23  
; PRIOR APPLICATION NUMBER: 60/083336  
; PRIOR FILING DATE: 1998-04-27  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/083392  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083495  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083496  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083499  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083545  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083554  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083558  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083559  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083500  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083742  
; PRIOR FILING DATE: 1998-04-30  
; PRIOR APPLICATION NUMBER: 60/084366  
; PRIOR FILING DATE: 1998-05-05  
; PRIOR APPLICATION NUMBER: 60/084414  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084637  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084639  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084598  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084627  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084643  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/085339  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085338  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573

; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697  
Query Match 99.7%; Score 2253; DB 15; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CGGACGCTGGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGAGAGGCGCG 60  
DB 1 CGGACGCTGGGTGGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGAGAGGCGCG 60  
QY 61 GCTTAGCTCTACGGGGTCCGGCCCGCGCCCTCCGAGCGGGCTCAGGAGGAGAGGA 120  
DB 61 GCTTAGCTCTACGGGGTCCGGCCCGCGCCCTCCGAGCGGGCTCAGGAGGAGAGGA 120  
QY 121 GGACCGGTGCGAGATGCTCTGCGCTGGAGCTTTGCGCTCCCGTGTCTCTCTCTGG 180  
DB 121 GGACCGGTGCGAGATGCTCTGCGCTGGAGCTTTGCGCTCCCGTGTCTCTCTCTGG 180  
QY 181 TGGCAGGTGTTTCGGGAACGCGGCGGAGTCAAGGATCAAGGGTTGTAGCATCGGCAC 240  
DB 181 TGGCAGGTGTTTCGGGAACGCGGCGGAGTCAAGGATCAAGGGTTGTAGCATCGGCAC 240  
QY 241 GTCAGCTGGGTCTGTCTATGAACTAACTGGCTGTCTGTCTACGGCTGGAGAGAA 300  
DB 241 GTCAGCTGGGTCTGTCTATGAACTAACTGGCTGTCTGTCTACGGCTGGAGAGAA 300  
QY 301 ACAGCAAGGGAGTCTGTGAAGTACATGCGAACCTGGAATGAAGTTTGTGAGTGG 360  
DB 301 ACAGCAAGGGAGTCTGTGAAGTACATGCGAACCTGGAATGAAGTTTGTGAGTGG 360  
QY 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGA 420  
DB 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGAAACCTGCGAGTCAAGATGA 420  
QY 421 ATGAGTGTGAATGAAACCCCGGCGCATGCCACACAGATGTGTGAATACACACGGA 480  
DB 421 ATGAGTGTGAATGAAACCCCGGCGCATGCCACACAGATGTGTGAATACACACGGA 480  
QY 481 ACAAGTGTCTTTGCGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
DB 481 ACAAGTGTCTTTGCGCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGAACTCTA 540  
QY 541 GGACATGTGCCATGATAAATCTGTAGTACAGTGTGAAGACACAGAGAGAGGCGCACGT 600  
DB 541 GGACATGTGCCATGATAAATCTGTAGTACAGTGTGAAGACACAGAGAGAGGCGCACGT 600  
QY 601 GCCTGTGTCCATCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660  
DB 601 GCCTGTGTCCATCTCAGGACTCCGCGCTGGCCCAAAATGGAAGAGACTGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTGTGAAGTCACTGTCCCTACAATCGAAGATGTGTGAACACATTG 720  
DB 661 ATGAATGTGCTCTGTGAAGTCACTGTCCCTACAATCGAAGATGTGTGAACACATTG 720  
QY 721 GAAGCTACTACTGCAAAATGTCAATGTTTCGAATCAATATATCAGTGGACGATATG 780  
DB 721 GAAGCTACTACTGCAAAATGTCAATGTTTCGAATCAATATATCAGTGGACGATATG 780  
QY 781 ACTGTATAGATATAAATGTATGTATGATGATGATGATGATGATGATGATGATGATGAT 840  
DB 781 ACTGTATAGATATAAATGTATGTATGATGATGATGATGATGATGATGATGATGATGAT 840  
QY 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGAC 900  
DB 841 GCTTCAATACCCCAAGGGTCTTCAAGTGTAAATGCAAGCAGGGATATAAAGGCAATGAC 900  
QY 901 TTCGGTGTCTGTCTATCCCTGAAATTTGTGAAAGAGTCTCTCAGAGACCTGTGTACCA 960  
DB 901 TTCGGTGTCTGTCTATCCCTGAAATTTGTGAAAGAGTCTCTCAGAGACCTGTGTACCA 960

QY 961 TCAAGACAGAAATCAAGAGCTGCTTCTCCTCACAAAACAGCATGAAAAAGAGGCGAAAA 1020  
DB 961 TCAAGACAGAAATCAAGAGCTGCTTCTCCTCACAAAACAGCATGAAAAAGAGGCGAAAA 1020  
QY 1021 TTAATAATGTTTACCCCGAGAAACCCACAGGACTCTACCCCTCAAGGTGAATTTGACGCCCT 1080  
DB 1021 TTAATAATGTTTACCCCGAGAAACCCACAGGACTCTACCCCTCAAGGTGAATTTGACGCCCT 1080  
QY 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAATAAGGGAATG 1140  
DB 1081 TCAACTATGAGAGATAGTTTCCAGAGCGGGAACCTCTCATGAGGTAAATAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTCAAGGAATGA 1200  
DB 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAAAGCCCTCAAGGAATGA 1200  
QY 1201 CATAGAGAGGAGAGCTGCGAGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260  
DB 1201 CATAGAGAGGAGAGCTGCGAGAGATGTTTTCCTTAAGGTGAATGAAGCAGGTGA 1260  
QY 1261 ATTGGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAGATT 1320  
DB 1261 ATTGGGCTGATTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAGATT 1320  
QY 1321 AAAATATCTGGTTCAGTCAGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGAG 1380  
DB 1321 AAAATATCTGGTTCAGTCAGCTTCAATCATGGAATCTGTGACTGGAACAGGATAGAG 1380  
QY 1381 AGATGATTTTCACTTGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
DB 1381 AGATGATTTTCACTTGAATCTCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGT 1440  
QY 1441 TCCGGCTTGGCAGGTGCAAGAAAGACATGGCCGATGAAACTTCTCTTACCTGACCT 1500  
DB 1441 TCCGGCTTGGCAGGTGCAAGAAAGACATGGCCGATGAAACTTCTCTTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAACCGCTGCGCGAGACAAAGTCGG 1560  
DB 1501 GCAACCCCAAGCAACTTCTGTTGCTTTGATTAACCGCTGCGCGAGACAAAGTCGG 1560  
QY 1561 GAAACTTCAGTGTGTTGAAAAACAGTAACAATGCCCTGGCATGGGAGAACACACGAG 1620  
DB 1561 GAAACTTCAGTGTGTTGAAAAACAGTAACAATGCCCTGGCATGGGAGAACACACGAG 1620  
QY 1621 TGAGGATCAAAAGTGGAGACAGGGAATTCAGTGTATCAAGGAACTGATGCTACCAA 1680  
DB 1621 TGAGGATCAAAAGTGGAGACAGGGAATTCAGTGTATCAAGGAACTGATGCTACCAA 1680  
QY 1681 AAGCATCAATTTTGAAGCAGAACTGGCAAGGGCAAAACCGCGAAATCGAGTGGATGG 1740  
DB 1681 AAGCATCAATTTTGAAGCAGAACTGGCAAGGGCAAAACCGCGAAATCGAGTGGATGG 1740  
QY 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800  
DB 1741 CGTCTGCTGTTTTCAGGCTTATGTCAGATAGCTTTTATCTGTGATGACTGAATGTT 1800  
QY 1801 ACTATCTTTATATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
DB 1801 ACTATCTTTATATTTGACTTTGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
QY 1861 GACCTCTGGCATTTTAGAATTAAGTAAATTTGATGATGATGATGATGATGATGATGAT 1920  
DB 1861 GACCTCTGGCATTTTAGAATTAAGTAAATTTGATGATGATGATGATGATGATGATGAT 1920  
QY 1921 TGTAAAGTGCCTTCTTGTATAAGATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
DB 1921 TGTAAAGTGCCTTCTTGTATAAGATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
QY 1981 ATCTTCTGAGTCAATTTCTGAATCTTTCNCAATATATATAAATNTGGAANGTCAGTT 2040  
DB 1981 ATCTTCTGAGTCAATTTCTGAATCTTTCNCAATATATATAAATNTGGAANGTCAGTT 2040  
QY 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100

DB 2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100  
QY 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
DB 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGACTCTTATGAT 2160  
QY 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220  
DB 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGGCTTAAGTGGCTTAGCTGGTCTT 2220  
QY 2221 TCATAGCCAACTTGTATATTTAATTTCTTTGTAATAATAA 2260  
DB 2221 TCATAGCCAACTTGTATATTTAATTTCTTTGTAATAATAA 2260

RESULT 52  
US-10-143-031A-118  
; Sequence 118, Application US/10143031A  
; Publication No. US20030138439A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gottard, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Gurney, Ivar J.  
; APPLICANT: Kijavini, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C39  
; CURRENT APPLICATION NUMBER: US/10/143,031A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918595  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 118

LENGTH: 2260

**TYPE: DNA**

**ORGANISM:** *Homo sapiens*

**FEATURE:**

NAME/KEY: unsure

LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086

OTHER INFORMATION: unknown base

10-143-031A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1	CGAGCGCTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGACAGAGCGCGCG	60
1	CGGACGCTGGGTGCGAGTGGAGCGGAGACCCGAGCGGCTGAGGAGACAGAGCGCGCG	60
61	GCTTAGCTGCTACGGGGTCCGGCCCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGAAAGGA	120
61	GCTTAGCTGCTACGGGGTCCGGCCCGCGCCCTCCCGAGGGGGGCTCAGGAGGAGAAAGGA	120
121	GGACCCGTGGAGAAATGCTCTGCCCTGGAGGCTTGGCTCCCGCTGCTCTCTCTCTGGG	180
121	GGACCCGTGGAGAAATGCTCTGCCCTGGAGGCTTGGCTCCCGCTGCTCTCTCTCTGGG	180
181	TGGCAGGTGCTTTTCGGGAAACGGGCGCAGTGCAGAGGCATACGGGTGTTTAGCATCGGCAC	240
181	TGGCAGGTGCTTTTCGGGAAACGGGCGCAGTGCAGAGGCATACGGGTGTTTAGCATCGGCAC	240
241	GTCAAGCTGGGGTCTGCTCACTATGGAATTAACATGGGCTGCTGCTACGGCTGGAGAA	300
241	GTCAAGCTGGGGTCTGCTCACTATGGAATTAACATGGGCTGCTGCTACGGCTGGAGAA	300
301	ACAGCAAGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTGTTGATGCTGGTGG	360
301	ACAGCAAGGAGTCTGTGAAGCTACATCGCAACCTGGATGTAAAGTTGTTGATGCTGGTGG	360
361	GACCAACAAATGCAGATGCTTTTCAGAGATACACGGGAAACCTGCAGTCAAGATGTGA	420
361	GACCAACAAATGCAGATGCTTTTCAGAGATACACGGGAAACCTGCAGTCAAGATGTGA	420
421	ATGAGTGTGGAATGAAACCCCGGCCATATGCCAACCTGGATGTAAAGTTGTTGATGCTGGTGG	480
421	ATGAGTGTGGAATGAAACCCCGGCCATATGCCAACCTGGATGTAAAGTTGTTGATGCTGGTGG	480
481	ACAAGTGTCTTTTGCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA	540
481	ACAAGTGTCTTTTGCTTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAATCTTA	540
541	GGACATGTGCATGATAAATGTCAGTACAGGTGTGAAGACACAGAAAGAGGGGCCACAGT	600
541	GGACATGTGCATGATAAATGTCAGTACAGGTGTGAAGACACAGAAAGAGGGGCCACAGT	600
601	GCTGTGTCCATCCTCAGGACTCCGGCTGGCCCCCAATATGGAAGACAGTCTAGATATTTG	660
601	GCTGTGTCCATCCTCAGGACTCCGGCTGGCCCCCAATATGGAAGACAGTCTAGATATTTG	660
661	ATGAATGTGCTCTGGTAAAGTCACTGTGCCCTCAATTCGAAGATGTGTGAACACATTTTG	720
661	ATGAATGTGCTCTGGTAAAGTCACTGTGCCCTCAATTCGAAGATGTGTGAACACATTTTG	720
721	GAAGCTACTACTGCAAAATGTCATTTGGTTTCGAATATATCAGTGGACGATATG	780
721	GAAGCTACTACTGCAAAATGTCATTTGGTTTCGAATATATCAGTGGACGATATG	780
781	ACTGTATAGATATAAATGAATGTATATGGATATGCCATCGTGCAGGCCACCATGCCAAATT	840
781	ACTGTATAGATATAAATGAATGTATATGGATATGCCATCGTGCAGGCCACCATGCCAAATT	840
841	GCTTCAATATCCCAAGGGTCCCTTCAAGTGTAAATGTCAAGCAGGGATATATAAGGCAATATGGAC	900

1921 TGTAAGTGCCTTCTTGTATAGATATGCAATATTGCTTTAAATATCATATCACTGT 1980  
1991 ATCTTCTCAGTCATTCTGAATCTTCCNCATTAATTAATAATGGAANGTCAGTT 2040  
1991 ATCTTCTCAGTCATTCTGAATCTTCCNCATTAATTAATAATGGAANGTCAGTT 2040  
2041 TATCTCCCTCTCCTCNGTATATCTGATTTGTATANGTANGTCTCTCTACAA 2100  
2041 TATCTCCCTCTCCTCNGTATATCTGATTTGTATANGTANGTCTCTCTACAA 2100  
2101 CATTCTAGAAAAATAGAAAAAGCAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160  
2101 CATTCTAGAAAAATAGAAAAAGCAGAGAAATGTTAACTGTTTGAATCTTATGAT 2160  
2161 ACTTCTTGGAACATATGATCAATCAAGATAGACTTTTGCCTTAAGTGGCTTCTT 2220  
2161 ACTTCTTGGAACATATGATCAATCAAGATAGACTTTTGCCTTAAGTGGCTTCTT 2220  
2221 TCATAGCCAACTTGTATATTAAATTTCTTTGTAATAATAA 2260  
2221 TCATAGCCAACTTGTATATTAAATTTCTTTGTAATAATAA 2260

RESULT 53  
US-10-143-030A-118  
Sequence 118, Application US/10143030A  
Publication No. US20030147901A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C33  
CURRENT APPLICATION NUMBER: US/10/143,030A  
CURRENT FILING DATE: 2002-08-27  
PRIOR APPLICATION NUMBER: 09/918595  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 118  
LENGTH: 2260  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: unsure  
LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
OTHER INFORMATION: unknown base  
US-10-143-030A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCG 60  
Db 1 CGGACGGCTGGGTGCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCG 60  
QY 61 GCTTAGCTGTACGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGA 120  
Db 61 GCTTAGCTGTACGGGTCCGGCGCGGCGCTCCCGAGGGGGCTCAGGAGGAGGA 120  
QY 121 GGACCCGTGCGAGAAATGCCTCTGCGCTGGAGAGCTTGGCGCTCCCGCTCTCTCTGG 180  
Db 121 GGACCCGTGCGAGAAATGCCTCTGCGCTGGAGAGCTTGGCGCTCCCGCTCTCTCTGG 180  
QY 181 TGGCAGGTGGTTTGGGAAACCGGCCAGTGCAGGAGTCAAGGCTTGGTGGTGGTGGTGG 240  
Db 181 TGGCAGGTGGTTTGGGAAACCGGCCAGTGCAGGAGTCAAGGCTTGGTGGTGGTGGTGG 240  
QY 241 GTCAGCCTGGGGTCTGTCACTATGAACTAAACTGGCTTCTCTACGGCTCGAGAGAA 300  
Db 241 GTCAGCCTGGGGTCTGTCACTATGAACTAAACTGGCTTCTCTACGGCTCGAGAGAA 300  
QY 301 ACAGCAGGGAGTCTGTGAAGTACATGCGAAGTCTGAGTCTGAGTCTGAGTCTGAGT 360  
Db 301 ACAGCAGGGAGTCTGTGAAGTACATGCGAAGTCTGAGTCTGAGTCTGAGTCTGAGT 360  
QY 361 GACCAACAAATGCAGATGCTTCCAGGATACACCGGAGAAACCTGCAGTCAAGATGTGA 420  
Db 361 GACCAACAAATGCAGATGCTTCCAGGATACACCGGAGAAACCTGCAGTCAAGATGTGA 420  
QY 421 ATGAGTGTGGAATGAAACCCCGGCCATGCGAAGTCTGAGTCTGAGTCTGAGTCTGAGT 480  
Db 421 ATGAGTGTGGAATGAAACCCCGGCCATGCGAAGTCTGAGTCTGAGTCTGAGTCTGAGT 480  
QY 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTTACGTTGTGAACCTTA 540  
Db 481 ACAAGTGTGTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTTACGTTGTGAACCTTA 540  
QY 541 CGACATGTGCCATGATAAATGTGTCAGTACAGTGTGAAGACACAGAGAGAGGCGCACGT 600  
Db 541 CGACATGTGCCATGATAAATGTGTCAGTACAGTGTGAAGACACAGAGAGAGGCGCACGT 600  
QY 601 GCCTGTGTCCATCTCAGAGCTCCGCGCTGGCCCAAAATGGAAGAGAGTCTAGATATTG 660  
Db 601 GCCTGTGTCCATCTCAGAGCTCCGCGCTGGCCCAAAATGGAAGAGAGTCTAGATATTG 660  
QY 661 ATGAATGTGCTCTCTGGTAAAGTCAATCTGCTCCCTCAATCGAAGATGTGTGAACATTG 720  
Db 661 ATGAATGTGCTCTCTGGTAAAGTCAATCTGCTCCCTCAATCGAAGATGTGTGAACATTG 720  
QY 721 GAAGCTTACTGCGAAATGTCACTTGGTTTGGAACTTCAATATATATGAGTGGAGATG 780







1	PRIOR APPLICATION NUMBER: 60/085700
2	
3	PRIOR FILING DATE: 1998-05-15
4	PRIOR APPLICATION NUMBER: 60/085689
5	
6	PRIOR FILING DATE: 1998-05-15
7	PRIOR APPLICATION NUMBER: 60/085579
8	
9	PRIOR FILING DATE: 1998-05-15
10	PRIOR APPLICATION NUMBER: 60/085580
11	
12	PRIOR FILING DATE: 1998-05-15
13	PRIOR APPLICATION NUMBER: 60/085573
14	
15	PRIOR FILING DATE: 1998-05-15
16	PRIOR APPLICATION NUMBER: 60/085704
17	
18	PRIOR FILING DATE: 1998-05-15
19	PRIOR APPLICATION NUMBER: 60/085697
20	

```
Query Match          99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260: Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

1	QY	CGAGCGCTGGTGCAGATGAGCGGAGAGACCCGAGCGGCTGAGGAGAGAGAGCGCGG	60
1	Db	CGAGCGCTGGTGCAGATGAGCGGAGAGACCCGAGCGGCTGAGGAGAGAGAGCGCGG	60
61	QY	GCTTAGCTGTACGGGGTCCGGCGCGCGCCTCCCGAGGGGGGCTCAGGAGAGAGAA	120
61	Db	GCTTAGCTGTACGGGGTCCGGCGCGCGCCTCCCGAGGGGGGCTCAGGAGAGAGAA	120
121	QY	GGACCCGTGCGAAGATGCTCTGCCCCGTGGAGCCTTGCGCTCCCGCTGCTCTCTCGG	180
121	Db	GGACCCGTGCGAAGATGCTCTGCCCCGTGGAGCCTTGCGCTCCCGCTGCTCTCTCGG	180
181	QY	TGGCAGTGTGTTTGGGNAACGGCGGCGAGTCGAGGCGATCACGGGTGTTAGCATCGGCAC	240
181	Db	TGGCAGTGTGTTTGGGNAACGGCGGCGAGTCGAGGCGATCACGGGTGTTAGCATCGGCAC	240
241	QY	GTACGCTGGGGTCTGTCACTATGGAATAAACTGGGCTGCTGCTACGGCTGGAGAGAA	300
241	Db	GTACGCTGGGGTCTGTCACTATGGAATAAACTGGGCTGCTGCTACGGCTGGAGAGAA	300
301	QY	ACAGCAAGGGAGTGTGGAAGCTACATGCGAAACCTGGATGTAAGTTTGTGAGTGCCTGG	360
301	Db	ACAGCAAGGGAGTGTGGAAGCTACATGCGAAACCTGGATGTAAGTTTGTGAGTGCCTGG	360
361	QY	GACCAAAAGAAATGAGATGCTTCCAGGATACACCGGGNAACCTCGAGTCAAGATGTGA	420
361	Db	GACCAAAAGAAATGAGATGCTTCCAGGATACACCGGGNAACCTCGAGTCAAGATGTGA	420
421	QY	ATGAGTGTGGATGAAACCCCGGCGATGCCAACACAGATGTGTAATACACACGGAAGCT	480
421	Db	ATGAGTGTGGATGAAACCCCGGCGATGCCAACACAGATGTGTAATACACACGGAAGCT	480
481	QY	ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCGAGTGCTACGTGTGMACTCTA	540
481	Db	ACAAGTCTTTTGCCTCAGTGGCCACATGCTCATGCGAGTGCTACGTGTGMACTCTA	540
541	QY	GGACATGTGCCATGATAACTGTGAGTACAGTCAGTCGTGAAGACACAGAAAGAGGCCACAGT	600
541	Db	GGACATGTGCCATGATAACTGTGAGTACAGTCAGTCGTGAAGACACAGAAAGAGGCCACAGT	600
601	QY	GGCTGTGTCCATCTCTCAGGACTCCGCGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG	660
601	Db	GGCTGTGTCCA TCTCTCAGGACTCCGCGCTGGCCCCAAATGGAAGAGACTGTCTAGATATTG	660
661	QY	ATGAATGTGCCCTCTGGTAAATCATCTGTCCCTACAATCGAAGATGTGTGAACACATTTG	720
661	Db	ATGAATGTGCCCTCTGGTAAAGTCATCTGTCCCTACAATCGAAGATGTGTGAACACATTTG	720
721	QY	GAAGCTTACTACTGCAAAATGTACATTTGTTTCGAATCTGCAATATATCAGTGGACGATATG	780
721	Db	GAAGCTTACTACTGCAAAATGTACATTTGTTTCGAATCTGCAATATATCAGTGGACGATATG	780
781	QY	ACTGTATAGATATAATGAATGTATATGGAATAGCCATGCTGTGACGCCACCATGCCAAATT	840
781	Db	ACTGTATAGATATAATGAATGTATATGGAATAGCCATGCTGTGACGCCACCATGCCAAATT	840

QY	841	GCTTCAATACCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGGCAATGGAC	900
DB	841	GCTTCAATATGCCAAAGGTCCTTCAAGTGTAAATGCAAGCAGGAGATATAAAGGCAATGGAC	900
QY	901	TTCCGGTGTCTTGCTATCCCTGAAAAATTCGTGAAGGAAGTCCTCAGAGCACCTGGTACCA	960
DB	901	TTCCGGTGTCTTGCTATCCCTGAAAAATTCGTGAAGGAAGTCCTCAGAGCACCTGGTACCA	960
QY	961	TCAAAGACAGAAATCAAGAGTGTGCTTCACAAAACAGCATGAAAAGAGGCAAAA	1020
DB	961	TCAAAGACAGAAATCAAGAGTGTGCTTCACAAAACAGCATGAAAAGAGGCAAAA	1020
QY	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTTCCTAACCCCTTAAGGTGAACCTTG	1080
DB	1021	TTAAAAATGTTTACCCAGAACCCACAGGACTTCCTAACCCCTTAAGGTGAACCTTG	1080
QY	1081	TCAACTATGAAGAGTAGTTTCCAGAGCGGGAACCTCTCATGGAGGTAAAAAGGGAGTG	1140
DB	1081	TCAACTATGAAGAGTAGTTTCCAGAGCGGGAACCTCTCATGGAGGTAAAAAGGGAGTG	1140
QY	1141	AAGAGAAATGAAGAGGGGCTTGAGGATCAGAAAAAGAGAAGAAAGCCCTGAAGAATGA	1200
DB	1141	AAGAGAAATGAAGAGGGGCTTGAGGATCAGAAAAAGAGAAGAAAGCCCTGAAGAATGA	1200
QY	1201	CATAGAGAGCGAGCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
DB	1201	CATAGAGAGCGAGCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGA	1260
QY	1261	ATTCCGGCTGATTCGTGTCMAAAGGAAACCGCTAACTCCAAAACGTGGAACATAAAGATTT	1320
DB	1261	ATTCCGGCTGATTCGTGTCMAAAGGAAACCGCTAACTCCAAAACGTGGAACATAAAGATTT	1320
QY	1321	AAATATCTCGGTGACTGCGAGCTTCAATCATCGEATCTGTGACTGGAACACAGGATAGAGA	1380
DB	1321	AAATATCTCGGTGACTGCGAGCTTCAATCATCGEATCTGTGACTGGAACACAGGATAGAGA	1380
QY	1381	AGATGANTTTGACTTGGAAATCCTCTCATCGAGATAATGCTATTTGGCTTCTATATGGCAGT	1440
DB	1381	AGATGANTTTGACTTGGAAATCCTCTCATCGAGATAATGCTATTTGGCTTCTATATGGCAGT	1440
QY	1441	TCGGCCCTTGGCAGTCACAAGAAACAGCATTTGGCCGATTGAAACTTCTCCTACCTGACCT	1500
DB	1441	TCGGCCCTTGGCAGTCACAAGAAACAGCATTTGGCCGATTGAAACTTCTCCTACCTGACCT	1500
QY	1501	GCAACCCCAAAGCAACTTCCTTGTCTTCTTGAATACCGGCTGGCCGGAGACAAGTCGG	1560
DB	1501	GCAACCCCAAAGCAACTTCCTTGTCTTCTTGAATACCGGCTGGCCGGAGACAAGTCGG	1560
QY	1561	GAAACTTCGAGTGTCTGTAAGAACAGTAAACAATGCTTGGCATGGGAGAAAGACACGAG	1620
DB	1561	GAAACTTCGAGTGTCTGTAAGAACAGTAAACAATGCTTGGCATGGGAGAAAGACACGAG	1620
QY	1621	TGAGGATGAAAAGTGGAGACAGGAAAAATTCAGTTGTATCAAGGAATGATGCTACCAA	1680
DB	1621	TGAGGATGAAAAGTGGAGACAGGAAAAATTCAGTTGTATCAAGGAATGATGCTACCAA	1680
QY	1681	RAGCATCATTTTTTCAAGCAGAAAGTGGCAAGGGCAAAACCGCGCAAAATTCGACATGGATGG	1740
DB	1681	RAGCATCATTTTTTCAAGCAGAAAGTGGCAAGGGCAAAACCGCGCAAAATTCGACATGGATGG	1740
QY	1741	CGTCTTGCTTGTTCACGCTTATGTCCAGATAGCCTTTTATCTCTGTGATGATCTGAATGTT	1800
DB	1741	CGTCTTGCTTGTTCACGCTTATGTCCAGATAGCCTTTTATCTCTGTGATGATCTGAATGTT	1800
QY	1801	ACTATCTTTATTTGATTTGATGTGATGTCAGTTCCTCTGGTTTTTTTTTGATATTGCATCATAG	1860
DB	1801	ACTATCTTTATTTGATTTGATGTGATGTCAGTTCCTCTGGTTTTTTTTTGATATTGCATCATAG	1860
QY	1861	GACCTCTGGCAATTTAGAAATTACTAGCTGAAAAATTTGTAATGATCAACACAGAAATATTAT	1920
DB	1861	GACCTCTGGCAATTTAGAAATTACTAGCTGAAAAATTTGTAATGATCAACACAGAAATATTAT	1920

1921 TGTAAGATGCTCTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Db 1921 TGTAAGATGCTCTTCTGTATAGATATGCAATATTTGCTTTAAATATCATATCACTGT 1980  
Qy 1981 ATCTTCTCAGTCATCTTCTGAATCTTTCCNCAATATATATATAAATNTGGAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATCTTCTGAATCTTTCCNCAATATATATATAAATNTGGAANGTCAGTT 2040  
Qy 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTATGCTTCTCTCTCAAA 2100  
Db 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATANGTANGTGTATGCTTCTCTCTCAAA 2100  
Qy 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Db 2101 CATTTCTAGAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Qy 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220  
Db 2161 ACTTCTTGGAACTATGACATCAAGATAGACTTTTGCCTTAAGTGGCTTAGCTGGTCTT 2220  
Qy 2221 TCATAGCCAACTTGTATATTTAATCTTTTGTATAATAA 2260  
Db 2221 TCATAGCCAACTTGTATATTTAATCTTTTGTATAATAA 2260

RESULT 55  
US-10-017-083A-118  
; Sequence 118, Application US/10017083A  
; Publication No. US20030148376A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Oiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC67  
; CURRENT APPLICATION NUMBER: US/10/017,083A  
; CURRENT FILING DATE: 2001-10-24  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 118  
; LENGTH: 2260  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
; OTHER INFORMATION: unknown base  
US-10-017-083A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CGAGCCGCTGGGTGCGAGTCGAGCGAGGACCCGAGCGCGCTGAGGAGAGAGAGCGCGCG 60  
Db 1 CGAGCCGCTGGGTGCGAGTCGAGCGAGGACCCGAGCGCGCTGAGGAGAGAGAGCGCGCG 60  
Qy 61 GCTTACCTGCTACGGGGTCCGCGCGCGCTCCCGAGGGGGCTCAGGAGAGAGAGGA 120  
Db 61 GCTTACCTGCTACGGGGTCCGCGCGCGCTCCCGAGGGGGCTCAGGAGAGAGAGGA 120  
Qy 121 GGACCCGCTGCGAGATGCTCTGCGCTGAGAGCTTTCGCGCTCCGCTGCTCTCTCTCTGG 180  
Db 121 GGACCCGCTGCGAGATGCTCTGCGCTGAGAGCTTTCGCGCTCCGCTGCTCTCTCTCTGG 180  
Qy 181 TGGCAGGTGTTTTCGGGAAACCGCGCGCAGTCAAGGACATCAGCGGTTGTAGCATCGGCAC 240  
Db 181 TGGCAGGTGTTTTCGGGAAACCGCGCGCAGTCAAGGACATCAGCGGTTGTAGCATCGGCAC 240  
Qy 241 GTCAGCTGGGTCTCTCTCTATGAACTAACTGCGCTGCTGCTACCGCTGCGAGAGAA 300  
Db 241 GTCAGCTGGGTCTCTCTCTATGAACTAACTGCGCTGCTGCTACCGCTGCGAGAGAA 300  
Qy 301 ACAGCAAGGAGTCTCTGAAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCG 360  
Db 301 ACAGCAAGGAGTCTCTGAAAGCTACATGCGAACCTGGATGTAAAGTTTGGTGAAGTCG 360  
Qy 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTA 420  
Db 361 GACCAACAAATGCAGATGCTTTCCAGGATACACCGGGAAACCTGCGAGTCAAGATGTA 420  
Qy 421 ATGAGTGTGGAATGAAACCCCGCCATGCAACACAGATGTGTGAATACACACGAAGCT 480  
Db 421 ATGAGTGTGGAATGAAACCCCGCCATGCAACACAGATGTGTGAATACACACGAAGCT 480  
Qy 481 ACAAGTGTCTTTTGCCTCAGTGGCCACATGCTATGCGACATGCTACGCTGTGTGAATCT 540  
Db 481 ACAAGTGTCTTTTGCCTCAGTGGCCACATGCTATGCGACATGCTACGCTGTGTGAATCT 540  
Qy 541 GGACATGTGCCATGATAAATGCTTACGCTACAGTGTGAGACACAGAGAGAGGCGCACAGT 600  
Db 541 GGACATGTGCCATGATAAATGCTTACGCTACAGTGTGAGACACAGAGAGAGGCGCACAGT 600  
Qy 601 GCCTGTGTCCATCCTCAGGACTCCGCTCGCCCAATGGAAGAGAGACTGTCTTAGATATTG 660  
Db 601 GCCTGTGTCCATCCTCAGGACTCCGCTCGCCCAATGGAAGAGAGACTGTCTTAGATATTG 660  
Qy 661 ATGAATGTGCTCTGTAAGTCACTCTGCTCCCTACCAATCGAAGATGTGTGAACACATTG 720  
Db 661 ATGAATGTGCTCTGTAAGTCACTCTGCTCCCTACCAATCGAAGATGTGTGAACACATTG 720  
Qy 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAAGTCAATATATATATATGAGCAATATG 780  
Db 721 GAAGCTACTACTGCAAAATGTCAATTTGGTTTGAAGTCAATATATATATATGAGCAATATG 780  
Qy 781 ACTGTATAGATATAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTA 840  
Db 781 ACTGTATAGATATAAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTAATGTA 840  
Qy 841 GCTTCAATACCCAAAGGTCCCTTCAAGTGTAAATGCAAGCAGGGGATATAAAGGCAATGGAC 900  
Db 841 GCTTCAATACCCAAAGGTCCCTTCAAGTGTAAATGCAAGCAGGGGATATAAAGGCAATGGAC 900  
Qy 901 TTCGGTGTCTGCTATCCCTGAAAAATTTGTGAGGAAGTCTCTCAGAGCAGCTTGTGACCA 960  
Db 901 TTCGGTGTCTGCTATCCCTGAAAAATTTGTGAGGAAGTCTCTCAGAGCAGCTTGTGACCA 960  
Qy 961 TCAAGAGCAGAAATCAAGAGTGTCTGCTCACAATAAAGCAGCATGAAAAAGAGGCAAAAA 1020  
Db 961 TCAAGAGCAGAAATCAAGAGTGTCTGCTCACAATAAAGCAGCATGAAAAAGAGGCAAAAA 1020

QY	1021	TTAAAAATGTTTACCCCAAGAACCCACACAGAGCTTCCTACCCCTTAAGGTGAACTTCGACCCCT	1080
Db	1021	TTAAAAATGTTTACCCCAAGAACCCACACAGAGCTTCCTACCCCTTAAGGTGAACTTCGACCCCT	1080
QY	1081	TCAACTATGAAGAGATAGTATTTCCAGAGGCGGAACTCTCATGGAGGTAAAGAAAGGGAATG	1140
Db	1081	TCAACTATGAAGAGATAGTATTTCCAGAGGCGGAACTCTCATGGAGGTAAAGAAAGGGAATG	1140
QY	1141	AAGAGAAATGAAGAAGGGGCTTCAGGATGAGAAAGAGAGAGAAAGCCCTCGAGGAATGA	1200
Db	1141	AAGAGAAATGAAGAAGGGGCTTCAGGATGAGAAAGAGAGAGAAAGCCCTCGAGGAATGA	1200
QY	1201	CATAGAGGCGAGCTCGAGGAGATGTGTGTTTTTCCTAAGCTGAATGAGACGGTGA	1260
Db	1201	CATAGAGGCGAGCTCGAGGAGATGTGTGTTTTTCCTAAGCTGAATGAGACGGTGA	1260
QY	1261	ATTCGGGCTGATTCGTGCTCAAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT	1320
Db	1261	ATTCGGGCTGATTCGTGCTCAAAAGGAAAGCGCTAACTTCCAAACTGGAAACATAAAGATTT	1320
QY	1321	AAATATCTCGGTTGACTGCAAGCTTCAATCATGGGATCTGTGACCTGGAACACAGGATAGAGA	1380
Db	1321	AAATATCTCGGTTGACTGCAAGCTTCAATCATGGGATCTGTGACCTGGAACACAGGATAGAGA	1380
QY	1381	AGATGATTTTGACTGGAATCCTGCTCATCGAGATAATGCTATGGCTTCTATATGGCAGT	1440
Db	1381	AGATGATTTTGACTGGAATCCTGCTCATCGAGATAATGCTATGGCTTCTATATGGCAGT	1440
QY	1441	TCGGGCTTGGCAGGTCAAGAAGAGACATTTGGCCGATTGAAACTTCCTCACTGACCT	1500
Db	1441	TCGGGCTTGGCAGGTCAAGAAGAGACATTTGGCCGATTGAAACTTCCTCACTGACCT	1500
QY	1501	GCAACCCCAAGCAACTTCGTTTGCTCTTTGATACCGGCTGGCCGAGAGACAAAGTCGG	1560
Db	1501	GCAACCCCAAGCAACTTCGTTTGCTCTTTGATACCGGCTGGCCGAGAGACAAAGTCGG	1560
QY	1561	GAAACTTCGAGTGTGTAAGAACAGTAACTGCGCTGGCATGGGAGAGAACCCAG	1620
Db	1561	GAAACTTCGAGTGTGTAAGAACAGTAACTGCGCTGGCATGGGAGAGAACCCAG	1620
QY	1621	TGAGGATGAAGTGGAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCAA	1680
Db	1621	TGAGGATGAAGTGGAGACAGGGAATTCAGTTGTATCAAGAACTGATGCTACCAA	1680
QY	1681	AAGCATCAATTTTGAAGCAGAACGTGGCAAGGCAAAACCCGCGAAATCGCAGTGGATGG	1740
Db	1681	AAGCATCAATTTTGAAGCAGAACGTGGCAAGGCAAAACCCGCGAAATCGCAGTGGATGG	1740
QY	1741	CGCTTGCTGTTTCAGGCTTATGTCAGATAGCCTTTATCTGTGGATGATCAAGTGT	1800
Db	1741	CGCTTGCTGTTTCAGGCTTATGTCAGATAGCCTTTATCTGTGGATGATCAAGTGT	1800
QY	1801	ACTATCTTTATATTGACTTGTATGTCAGTCCCTGGTTTTTTTGATTTGCATCATAG	1860
Db	1801	ACTATCTTTATATTGACTTGTATGTCAGTCCCTGGTTTTTTTGATTTGCATCATAG	1860
QY	1861	GACCTCTGGCAATTTAGAAATPACTAGCTGAAAAATTTGTAATGTACACAGAAATATTAT	1920
Db	1861	GACCTCTGGCAATTTAGAAATPACTAGCTGAAAAATTTGTAATGTACACAGAAATATTAT	1920
QY	1921	TCGTAAGTGCCTTCTGCTATAGATATGCCAATATTCGCTTTTAAATCATATCATCTGT	1980
Db	1921	TCGTAAGTGCCTTCTGCTATAGATATGCCAATATTCGCTTTTAAATCATATCATCTGT	1980
QY	1981	ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAAATNTGAAANGTCAGTT	2040
Db	1981	ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATATATATAAAATNTGAAANGTCAGTT	2040
QY	2041	TATCTCCCTCCTCNGTATATCTGAATTTGTATANGTANGTTGATGNGCTTCTCTCTACAA	2100
Db	2041	TATCTCCCTCCTCNGTATATCTGAATTTGTATANGTANGTTGATGNGCTTCTCTCTACAA	2100
QY	2101	CATTTCTAGAAATAGAAAAAAGCAAGAGAAATGTTTAACTGTGTTGACTCTTATGAT	2160

RESULT 56

```

US-10-145-128A-118
; Sequence 118, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gorrtsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P630F1C46
; CURRENT APPLICATION NUMBER: US/10/145,128A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260

```

; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: unsure  
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086  
; OTHER INFORMATION: unknown base  
US-10-145-128A-118

Query Match 99.7%; Score 2253; DB 15; Length 2260;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 CGGACGCTGGTTCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
D  CGGACGCTGGTTCGAGTGGAGCGGAGGAGCCCGAGCGGCTGAGGAGAGAGAGGCGGCG 60
QY 61 GCTTAGCTGCTACGGGGTCCGGCGGCGGCTCCCGAGGGGGGCTCAGAGAGGAGGA 120
D  GCTTAGCTGCTACGGGGTCCGGCGGCGGCTCCCGAGGGGGGCTCAGAGAGGAGGA 120
QY 121 GGACCCGTGCGAGATGCTCTGCCCTGGAGCCTTGGGCTCCCGCTGCTCTCTCTGG 180
D  GGACCCGTGCGAGATGCTCTGCCCTGGAGCCTTGGGCTCCCGCTGCTCTCTCTGG 180
QY 181 TGGCAGGTGGTTTCGGGAAACCGGCGGCGAGTGCAGAGCAATCAAGGCTTGTAGCATCGGCAC 240
D  TGGCAGGTGGTTTCGGGAAACCGGCGGCGAGTGCAGAGCAATCAAGGCTTGTAGCATCGGCAC 240
QY 241 GTGAGCTGGGGTCTGTCACTATGGAATCAACTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300
D  GTGAGCTGGGGTCTGTCACTATGGAATCAACTAACTGGGCTGCTGCTACGGCTGGAGAGAA 300
QY 301 ACAGCAAGGAGTGTGGAAGCTACATGCGAAACCTGGAATGTAAGTTGTGAGTGGCGTGG 360
D  ACAGCAAGGAGTGTGGAAGCTACATGCGAAACCTGGAATGTAAGTTGTGAGTGGCGTGG 360
QY 361 GACCAACAAATCAGAGTCTTCCAGATACACCGGGAACCTGCAGTCAAGATGTGA 420
D  GACCAACAAATCAGAGTCTTCCAGATACACCGGGAACCTGCAGTCAAGATGTGA 420
QY 421 ATGAGTGTGGAATGAACCCCGGCGCATGCCAACACAGATGTGGAATACACAGGAGCT 480
D  ATGAGTGTGGAATGAACCCCGGCGCATGCCAACACAGATGTGGAATACACAGGAGCT 480
QY 481 ACAAGTGTCTTTGCTCAGTGGCCACATGCTCAAGCCAGATGCTACGTGTGGAATCTTA 540
D  ACAAGTGTCTTTGCTCAGTGGCCACATGCTCAAGCCAGATGCTACGTGTGGAATCTTA 540
QY 541 GGACATGTGCCATGATAACTGTTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCCACGT 600
D  GGACATGTGCCATGATAACTGTTCAGTACAGCTGTGAAGACACAGAGAGAGGCGCCACGT 600
QY 601 GCCTGTGTCCATCTCAGGACTCCGCTGGCCGCGGCGGCGGCGGCGGCGGCGGCGGCGG 660
D  GCCTGTGTCCATCTCAGGACTCCGCTGGCCGCGGCGGCGGCGGCGGCGGCGGCGGCGG 660
QY 661 ATGAATGTGCTCTGGTAAAGTCACTCTGCTCCACATCGAAGATGTGGAACACATTTG 720
D  ATGAATGTGCTCTGGTAAAGTCACTCTGCTCCACATCGAAGATGTGGAACACATTTG 720
QY 721 GAGACTACTGCAATGTCAATGGTTTCGAACTGCAATGCAATATATCAGTGGAGCATATG 780
D  GAGACTACTGCAATGTCAATGGTTTCGAACTGCAATGCAATATATCAGTGGAGCATATG 780
QY 781 ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAAT 840
D  ACTGTATAGATATAAATGAATGTACTATGATAGCCATAGTGCAGCCACCATGCCAAT 840
QY 841 GCTTCAATACCAAGGCTCTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900
D  GCTTCAATACCAAGGCTCTCAAGTGTAAATGCAAGCAGGAGATATAAGGCAATGGAC 900
QY 901 TTCCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGGTACCA 960
```

```
Db 901 TTCCGGTGTCTGCTATCCCTGAAATTTCTGTGAAGGAAGTCTCAGAGCACCTGGTACCA 960
QY 961 TCAAAGACAGATCAAGAAGTTGCTTGTCTCAAAAACAGCATGAAGAAAGAGGCAAAA 1020
D  TCAAAGACAGATCAAGAAGTTGCTTGTCTCAAAAACAGCATGAAGAAAGAGGCAAAA 1020
QY 1021 TTAARAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAAGTTGCGACCCCT 1080
D  TTAARAATGTTACCCAGAACCCACAGGACTCTACCCCTAAGGTGAAGTTGCGACCCCT 1080
QY 1081 TCAACTATGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATCGAGGTAAAAAGGGAATG 1140
D  TCAACTATGAAGAGATAGTTTTCAGAGCGGGAATCTCTCATCGAGGTAAAAAGGGAATG 1140
QY 1141 AAGGAAATCAAGAGAGGGCTTGAGGATGAGAAAGAGAGAGAGCCCTCAAGAAATGA 1200
D  AAGGAAATCAAGAGAGGGCTTGAGGATGAGAAAGAGAGAGAGCCCTCAAGAAATGA 1200
QY 1201 CATAGAGAGCGAAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGAGGTGA 1260
D  CATAGAGAGCGAAGCCTCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGAGGTGA 1260
QY 1261 ATTGGGCTGATTTCTGTCGAAGGAAGCGCTAATCTCCAACTGGAACATGAAGATTT 1320
D  ATTGGGCTGATTTCTGTCGAAGGAAGCGCTAATCTCCAACTGGAACATGAAGATTT 1320
QY 1321 AATATATCTCGGTTGACTGCAAGTCTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
D  AATATATCTCGGTTGACTGCAAGTCTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380
QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
D  AGATGATTTGACTGGAATCTGCTGATCGAGATAATGCTATTTGGCTTCTATATGGCAGT 1440
QY 1441 TCCGGCTCTCGCAGGTCAACAAGAAAGACATTCGCCGATTTGAATCTTCTACCTGACCT 1500
D  TCCGGCTCTCGCAGGTCAACAAGAAAGACATTCGCCGATTTGAATCTTCTACCTGACCT 1500
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTGTATACCGCTGCGCGGAGACAAAGTCGG 1560
D  GCAACCCCAAGCAACTTCTGTTTGTCTTGTATACCGCTGCGCGGAGACAAAGTCGG 1560
QY 1561 GAAACTTCGAGTGTGTTGAAAAACAGTAACAAATGCGCATGCGGAGAGAACACACGAG 1620
D  GAAACTTCGAGTGTGTTGAAAAACAGTAACAAATGCGCATGCGGAGAGAACACACGAG 1620
QY 1621 TGAGATGAAAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCA 1680
D  TGAGATGAAAAAGTGAAGACAGGGAATTCAGTTGTATCAAGGAACTGATGCTACCA 1680
QY 1681 AAGCATCATTTTGAAGACAGACGTCGCAAGGCGCAAAACCGCGGAAATCGCAGTGGATGG 1740
D  AAGCATCATTTTGAAGACAGACGTCGCAAGGCGCAAAACCGCGGAAATCGCAGTGGATGG 1740
QY 1741 CGTCTTCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
D  CGTCTTCTGTTTTCAGGCTTATGTCAGATAGCCTTTTATCTGTGGATGACTGAATGTT 1800
QY 1801 ACTATCTTTATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATTCATCATAG 1860
D  ACTATCTTTATTTGACTTTGATGTCAGTTCCCTGGTTTTTTTGTATTTGATTCATCATAG 1860
QY 1861 GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
D  GACCTCTGGCAATTTAGAAATTTACTAGCTGAAAAATTTGTAATGTACCAACAGAAATATTAT 1920
QY 1921 TGTAAAGTGCCTTCTGTTATAGATATGCCAATTTTGTCTTTAAATATCATCATCTGCT 1980
D  TGTAAAGTGCCTTCTGTTATAGATATGCCAATTTTGTCTTTAAATATCATCATCTGCT 1980
QY 1981 ATCTTCTCAGTCATTTCTGAAATCTTTCCNCAATTTATATATAAATNTGGAANGTCAGTT 2040
```



1981	ATCTTCTCAGTCATCTTCTGGAATCTTTCCNCATTATATATATAAAANTGGAANGTCAGTT	2040
2041	TATCTCCCTCCTCNGTATATCTGAATTTGTATANGTANGTTGATNGCTTCTCTCTACAA	2100
2041	TATCTCCCTCCTCNGTATATCTGAATTTGTATANGTANGTTGATNGCTTCTCTCTACAA	2100
2101	CATTCTTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
2101	CATTCTTAGAAAAATAGAAAAAAGACACAGAGAAATGTTTAACTGTTTGACTCTTATGAT	2160
2161	ACTTCTTGAAAACTATGACATCAAAGATAGACATTTTGCCCTAAAGTGGCTTAGCTGGGCTT	2220
2161	ACTTCTTGAAAACTATGACATCAAAGATAGACATTTTGCCCTAAAGTGGCTTAGCTGGGCTT	2220
2221	TCATAGCAAACTTGTATATTTAATCTTTTGTAAATAATAA	2260
2221	TCATAGCAAACTTGTATATTTAATCTTTTGTAAATAATAA	2260

RESULT 57

```

US-10-017-191A-118
; Sequence 118, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C62
; CURRENT APPLICATION NUMBER: US/10/017,191A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649

```

```
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          99.7%; Score 2253; DB 15; Length 2260;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCCGAGCGCGCTGAGGAGAGAGAGCGCGCG 60
Db 1 CGGACCGGTGGGTGGAGTGGAGCGGAGGACCCGAGCGCGCTGAGGAGAGAGAGCGCGCG 60
Qy 61 GCTTAGCTGTACTAGGGGTCCGGCCCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
Db 61 GCTTAGCTGTACTAGGGGTCCGGCCCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGAGGA 120
Qy 121 GGACCCGTGGGAGATGCTCTGCGCTTGAGAGCTTTCGCGCTCCGCTGCTCTCTCTCTGG 180
Db 121 GGACCCGTGGGAGATGCTCTGCGCTTGAGAGCTTTCGCGCTCCGCTGCTCTCTCTCTGG 180
Qy 181 TGGCAGGTGTTTTCGGGAAACGCGGCGGAGTCAAGGATCATCGGGTGTGTAGCATCGGCAC 240
Db 181 TGGCAGGTGTTTTCGGGAAACGCGGCGGAGTCAAGGATCATCGGGTGTGTAGCATCGGCAC 240
Qy 241 GTCAGCTCGGGTCTGTCTACTATGGAACATAAAGTGGCTGCTGCTACGGGTGGAGAGAA 300
Db 241 GTCAGCTCGGGTCTGTCTACTATGGAACATAAAGTGGCTGCTGCTACGGGTGGAGAGAA 300
Qy 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAGTTTGTGATGCTGCTGG 360
Db 301 ACAGCAAGGAGTCTGTGAAGTACATGCGAACCTGGATGTAAGTTTGTGATGCTGCTGG 360
Qy 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAAACCTGCGAGTCAAGATGGA 420
Db 361 GACCAAAACAAATGCAGATGCTTTCCAGGATACACCGGGGAAAACCTGCGAGTCAAGATGGA 420
Qy 421 ATGAGTGTGAATGAATGAACCCCGGCGCATGCGACACAGATGTGTGAATACACAGGAGCT 480
Db 421 ATGAGTGTGAATGAATGAACCCCGGCGCATGCGACACAGATGTGTGAATACACAGGAGCT 480
Qy 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGTAAGTCTA 540
Db 481 ACAAGTGTCTTTTGGCTCAGTGGCCACATGCTCATGCGAGATGCTGCTGTAAGTCTA 540
Qy 541 GGACATGTGCCATGATAAATGTGACAGTACAGTGTGAGACACAGAGAGGCGCCACAGT 600
Db 541 GGACATGTGCCATGATAAATGTGACAGTACAGTGTGAGACACAGAGAGGCGCCACAGT 600
Qy 601 GCCTGTGTCCATCTCAGGACTCCGGCTGGCCCCCAATGGAAGAGACTGTCTAGATATTG 660
Db 601 GCCTGTGTCCATCTCAGGACTCCGGCTGGCCCCCAATGGAAGAGACTGTCTAGATATTG 660
Qy 661 ATGAATGTGCTCTGGTAAAGTCAATCTGTCCTTACATGCAATGGAAGTGTGGAACACATTG 720
Db 661 ATGAATGTGCTCTGGTAAAGTCAATCTGTCCTTACATGCAATGGAAGTGTGGAACACATTG 720
Qy 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGGAACTGCAATATATCAGTGAGCAGATATG 780
Db 721 GAAGCTACTACTGCAATGTCAATTTGGTTTGGAACTGCAATATATCAGTGAGCAGATATG 780
Qy 781 ACTGTATAGATATAAATGAATGTATGATAGCATTACGTTGAGGAGCCACCATGCAATT 840
Db 781 ACTGTATAGATATAAATGAATGTATGATAGCATTACGTTGAGGAGCCACCATGCAATT 840
Qy 841 GCTTCAATACCCAGGGTCTTCAAGTGAATGCAAGCAGGAGATATAAGGCAATGGAC 900
Db 841 GCTTCAATACCCAGGGTCTTCAAGTGAATGCAAGCAGGAGATATAAGGCAATGGAC 900
Qy 901 TTCGGTGTCTGCTATCCCTGAAAAATTTCTGTGAAGAACTCTCAGAGCACTGTGTACCA 960
Db 901 TTCGGTGTCTGCTATCCCTGAAAAATTTCTGTGAAGAACTCTCAGAGCACTGTGTACCA 960
Qy 961 TCRAAGCAGATCAAGAGTGTCTGCTCACAAAACAGCATGAAAGAGGAGGCAAAA 1020
Db 961 TCRAAGCAGATCAAGAGTGTCTGCTCACAAAACAGCATGAAAGAGGAGGCAAAA 1020
```

Db 961 TCAAGACAGAAATCRAGAAATGTTGCTTGCTCACAAAAAACAGCATGAAAAAGAGGCAAAAA 1020  
QY 1021 TTAATAATGTTACCCAGAACCCACACAGGATCTCCACCCCTAAAGTGAACTTTCAGGCGCT 1080  
Db 1021 TTAATAATGTTACCCAGAACCCACACAGGATCTCCACCCCTAAAGTGAACTTTCAGGCGCT 1080  
QY 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGAGTAAATAAGGGAATG 1140  
Db 1081 TCAACTATGAAGAGATAGTTTCCAGAGCGGGAACTCTCATGAGGAGTAAATAAGGGAATG 1140  
QY 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAGATGA 1200  
Db 1141 AAGAGAAATGAAGAGGGGCTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAGAGATGA 1200  
QY 1201 CATAGAGGACGAAGCCTCGAGGAGATGTTTTCCTTAAGTGAAATGAAGCAGTGA 1260  
Db 1201 CATAGAGGACGAAGCCTCGAGGAGATGTTTTCCTTAAGTGAAATGAAGCAGTGA 1260  
QY 1261 ATTCCGCCCTGATTCCTGATCCAAAGGAAAGCGCTAACTTCCAACTGGAACTAAAGATTT 1320  
Db 1261 ATTCCGCCCTGATTCCTGATCCAAAGGAAAGCGCTAACTTCCAACTGGAACTAAAGATTT 1320  
QY 1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380  
Db 1321 AAATATCTCGGTTGACTGCGAGCTTCAATCATGGGATCTGTGACTGGAAACAGGATAGAGA 1380  
QY 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440  
Db 1381 AGATGATTTGACTGGAATCTGCTGATCGAGATTAATGCTATTTGGCTTCTATATGGCAGT 1440  
QY 1441 TCCGGCCTTGGCAGGTCACAGAAAGACATTCGCGGATTAAGAACTTCTCCTACCTGACCT 1500  
Db 1441 TCCGGCCTTGGCAGGTCACAGAAAGACATTCGCGGATTAAGAACTTCTCCTACCTGACCT 1500  
QY 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTAACCGCTGCGCGGAGACAAAGTCGG 1560  
Db 1501 GCAACCCCAAGCAACTTCTGTTTGTCTTTGATTAACCGCTGCGCGGAGACAAAGTCGG 1560  
QY 1561 GAACTTCAGATGTTTGTGAAACAGTAAACAACTGCGGATCGGAGAGACACACAG 1620  
Db 1561 GAACTTCAGATGTTTGTGAAACAGTAAACAACTGCGGATCGGAGAGACACACAG 1620  
QY 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGTATGCTTACCAA 1680  
Db 1621 TGAGGATGAAAGTGAAGACAGGGAATTCAGTTGTATCAAGAACTGTATGCTTACCAA 1680  
QY 1681 AAGCATATTTTGAAGCAGAGCTGCGAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
Db 1681 AAGCATATTTTGAAGCAGAGCTGCGAAGGCAAAACCGCGAAATCGCAGTGGATGG 1740  
QY 1741 CGTCTTGCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGCGATGACTGAATGTT 1800  
Db 1741 CGTCTTGCTTGTTCAGGCTTATGTCAGATAGCCTTTTATCTGCGATGACTGAATGTT 1800  
QY 1801 ACTATCTTTATATGACTTGTATGCTGAGTCCCTGGTTTTTTGATATGTCATCATAG 1860  
Db 1801 ACTATCTTTATATGACTTGTATGCTGAGTCCCTGGTTTTTTGATATGTCATCATAG 1860  
QY 1861 GACCTCTGGCATTTAGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
Db 1861 GACCTCTGGCATTTAGAAATTAAGTCTGAAATTTGTAATGTACCAACAGAAATATTAT 1920  
QY 1921 TGTAAAGTGGCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCATGTT 1980  
Db 1921 TGTAAAGTGGCTTCTGTTATAGATATGCAATATTTGCTTTAAATATCATATCATGTT 1980  
QY 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAANTGGAAANGTCAGTT 2040  
Db 1981 ATCTTCTCAGTCATTTCTGAATCTTTCCNCAATATATATAAANTGGAAANGTCAGTT 2040  
QY 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATFANGTANGTATGATNGCTTCTCTCAAA 2100  
Db 2041 TATCTCCCTCTCCNGTATATCTGATTTGTATFANGTANGTATGATNGCTTCTCTCAAA 2100

QY 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
Db 2101 CATTTCTAGAAAAATAGAAAAAAGCAGAGAAATGTTTAACTGTTTGAATCTTATGAT 2160  
QY 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220  
Db 2161 ACTTCTTGGAAACTATGACATCAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220  
QY 2221 TCATAGCCAAACTCTATATTAATTTCTTTCTTAATAATAA 2260  
Db 2221 TCATAGCCAAACTCTATATTAATTTCTTTCTTAATAATAA 2260

RESULT 58

US-10-143-028A-118  
; Sequence 118, Application US/10143028A  
; Publication No. US20030180310A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC37  
; CURRENT APPLICATION NUMBER: US/10/143,028A  
; CURRENT FILING DATE: 2001-10-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 118									
; LENGTH: 2260									
; TYPE: DNA									
; ORGANISM: Homo sapiens									
; FEATURE:									
; NAME/KEY: unsure									
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086									
; OTHER INFORMATION: unknown base									
US-10-143-028A-118									
Query Match									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 2260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	CGGACGGTGGTTCGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGAGAGCGGG	60						
Db	1	CGGACGGTGGTTCGAGTGGAGCGGAGGAGCCGAGCGGCTGAGGAGAGAGAGCGGG	60						
Qy	61	GCTTAGCTGTCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGAGGAGGA	120						
Db	61	GCTTAGCTGTCTACGGGGTCCGGCGCGCCCTCCGAGGGGGCTCAGGAGAGGAGGA	120						
Qy	121	GGACCCGTGGAGAAATGCTCTGCTGCTGGAGCTTGGGCTCCGCTGCTCTCTCTGG	180						
Db	121	GGACCCGTGGAGAAATGCTCTGCTGCTGGAGCTTGGGCTCCGCTGCTCTCTCTGG	180						
Qy	181	TGGCAGGTGTTTCGGGAAACGGCGCAGTGCAGAGGATCAGCGGTTGTAGCATCGG	240						
Db	181	TGGCAGGTGTTTCGGGAAACGGCGCAGTGCAGAGGATCAGCGGTTGTAGCATCGG	240						
Qy	241	GTACGCTGGGGTCTGCTACTAGGAATAACTAGCGCTGCTACGCTCGAGAGAA	300						
Db	241	GTACGCTGGGGTCTGCTACTAGGAATAACTAGCGCTGCTACGCTCGAGAGAA	300						
Qy	301	ACACGAGGAGTCTGAGAGTACATGCGAACTGCGAACTGGATGAGTTGGTGGTGG	360						
Db	301	ACACGAGGAGTCTGAGAGTACATGCGAACTGCGAACTGGATGAGTTGGTGGTGG	360						
Qy	361	GACCAAAACAAATGAGATGCTTCCAGGATACACCGGGAAACCTGCAATGATGA	420						
Db	361	GACCAAAACAAATGAGATGCTTCCAGGATACACCGGGAAACCTGCAATGATGA	420						
Qy	421	ATGAGTGGAGTGAATACCCGGCCATGCCAAACAGATGTGTGATACACAGGAGCT	480						
Db	421	ATGAGTGGAGTGAATACCCGGCCATGCCAAACAGATGTGTGATACACAGGAGCT	480						
Qy	481	ACAAAGTCTTTTGGCTCAGTGGGCACATGCTCATGCGAGATGCTAGTGTGAATCTA	540						
Db	481	ACAAAGTCTTTTGGCTCAGTGGGCACATGCTCATGCGAGATGCTAGTGTGAATCTA	540						
Qy	541	GGACATGGCCATGATAACTGTGATGATGATGATGATGATGATGATGATGATGATG	600						
Db	541	GGACATGGCCATGATAACTGTGATGATGATGATGATGATGATGATGATGATGATG	600						
Qy	601	GCCTGTGTCCATCTCAGGACTCCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG	660						
Db	601	GCCTGTGTCCATCTCAGGACTCCGCTGCGCCCAATGGAAGAGACTGTCTAGATATTG	660						
Qy	661	ATGAATGTGCTGTGTAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACATTTG	720						
Db	661	ATGAATGTGCTGTGTAAGTCACTGTCCCTACAAATCGAAGATGTGTGAACATTTG	720						
Qy	721	GAAGCTACTACTGCAATGTGCATGTTGTTTCGAATGCAATATATCAGTGGACGATATG	780						
Db	721	GAAGCTACTACTGCAATGTGCATGTTGTTTCGAATGCAATATATCAGTGGACGATATG	780						
Qy	781	ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
Db	781	ACTGTATAGATATAAATGATGATGATGATGATGATGATGATGATGATGATGATG	840						
Qy	841	GCTTCAATACCAAGGGTCCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGG	900						
Db	841	GCTTCAATACCAAGGGTCCCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGG	900						

Qy	901	TTCCGGTGTTCCTATCCCTGAAATTTCTGTGAAGAAAGTCTCTCAGACCACTGTTACCA	960						
Db	901	TTCCGGTGTTCCTATCCCTGAAATTTCTGTGAAGAAAGTCTCTCAGACCACTGTTACCA	960						
Qy	961	TCAAAGACAGATCAAGAGTTCCTGCTCAAAACAGCATGAAAGAGAGGAGGAGGAGG	1020						
Db	961	TCAAAGACAGATCAAGAGTTCCTGCTCAAAACAGCATGAAAGAGAGGAGGAGGAGG	1020						
Qy	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCTCCCTAACCTTAAAGGTGAACCTTG	1080						
Db	1021	TTAAAAATGTTACCCAGAACCCACAGGACTCTCCCTAACCTTAAAGGTGAACCTTG	1080						
Qy	1081	TCAACTATCAAGATAGTTTCCAGAGGGGGAATCTCTCATGCGGTAAAGAGGATG	1140						
Db	1081	TCAACTATCAAGATAGTTTCCAGAGGGGGAATCTCTCATGCGGTAAAGAGGATG	1140						
Qy	1141	AAGAGAAATGAAAGAGGGCTTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA	1200						
Db	1141	AAGAGAAATGAAAGAGGGCTTTGAGGATGAGAAAGAGAGAGAAAGCCCTGAAAGATGA	1200						
Qy	1201	CATAGAGGAGGAGGCTCGAGGAGATGTGTTCCTTAAGTGAATGAGCAGGTGA	1260						
Db	1201	CATAGAGGAGGAGGCTCGAGGAGATGTGTTCCTTAAGTGAATGAGCAGGTGA	1260						
Qy	1261	ATTCCGCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTT	1320						
Db	1261	ATTCCGCTGATTTCTGCTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATTT	1320						
Qy	1321	AAATATCTCGTTGACTGAGCTTCAATCATGCGATCTGTGACTGGAAACAGGATAGAGA	1380						
Db	1321	AAATATCTCGTTGACTGAGCTTCAATCATGCGATCTGTGACTGGAAACAGGATAGAGA	1380						
Qy	1381	AGATGATTTGACTGGAATCTGCTGATCGAGATAATCTATTGGCTTCTATGCGCAGT	1440						
Db	1381	AGATGATTTGACTGGAATCTGCTGATCGAGATAATCTATTGGCTTCTATGCGCAGT	1440						
Qy	1441	TCGGGCTTGGCAGGTCACAAAGAAAGACATTTGGCGGATGAACTTCTCTACCTGACCT	1500						
Db	1441	TCGGGCTTGGCAGGTCACAAAGAAAGACATTTGGCGGATGAACTTCTCTACCTGACCT	1500						
Qy	1501	GCAACCCCAAGCACTCTGTTGCTTTCATTCACGGCTGGCGGAGACAAAGTCGG	1560						
Db	1501	GCAACCCCAAGCACTCTGTTGCTTTCATTCACGGCTGGCGGAGACAAAGTCGG	1560						
Qy	1561	GAAACTTCGAGTGTTCGAAAAACAGTAAACAAATGCGCTGGCATGGGAGAGACACGAG	1620						
Db	1561	GAAACTTCGAGTGTTCGAAAAACAGTAAACAAATGCGCTGGCATGGGAGAGACACGAG	1620						
Qy	1621	TGAGGATGAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACCTGCTACCAA	1680						
Db	1621	TGAGGATGAAAAGTGAAGACAGGGAATAATTCAGTTGTATCAAGGAACCTGCTACCAA	1680						
Qy	1681	AAGCATCATTTTGAAGCAGAACGTTGGCAAGGGGCAAAACCGCGGAAATCGCAGTGGATGG	1740						
Db	1681	AAGCATCATTTTGAAGCAGAACGTTGGCAAGGGGCAAAACCGCGGAAATCGCAGTGGATGG	1740						
Qy	1741	CGCTTCGCTGTTTCAGGCTTATGTCACATAGCTTTTATCTGTGGATGACTGATGTT	1800						
Db	1741	CGCTTCGCTGTTTCAGGCTTATGTCACATAGCTTTTATCTGTGGATGACTGATGTT	1800						
Qy	1801	ACTATCTTTATATTTGACTTTGTATGCTAGTTCCCTGGTTTTTTTGAATATGTCATCATAG	1860						
Db	1801	ACTATCTTTATATTTGACTTTGTATGCTAGTTCCCTGGTTTTTTTGAATATGTCATCATAG	1860						
Qy	1861	GACCTCTGGCAATTTAGATTTACTAGTCAAAAATGTAATGTAACCAAGAAAATTTAT	1920						
Db	1861	GACCTCTGGCAATTTAGATTTACTAGTCAAAAATGTAATGTAACCAAGAAAATTTAT	1920						
Qy	1921	TGTAAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATCATCTGT	1980						
Db	1921	TGTAAGATGCTTTCTTGTATAGATATGCAATATTTGCTTTTAAATATCATCATCTGT	1980						







961 TCAAGACAGAAATCAAGAAATGCTTGTCTCAAAAAACAGATGAAAAAGGCAAAAA 1020  
961 TCAAGACAGAAATCAAGAAATGCTTGTCTCAAAAAACAGATGAAAAAGGCAAAAA 1020  
1021 TTAATAATGTTACCCAGAACCCACAGAGCTTCTACCCCTAAGTGAATTTGAGCCCT 1080  
1021 TTAATAATGTTACCCAGAACCCACAGAGCTTCTACCCCTAAGTGAATTTGAGCCCT 1080  
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140  
1081 TCAACTATGAAGAGATAGTTTTCAGAGGCGGGAATCTCTCATGGAGTAAAAAGGGAATG 1140  
1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200  
1141 AAGAGAAATGAAGAGGGGCTTGAGATGAGAAAGAGAGAAAGCCCTGAAGATGA 1200  
1201 CATAGAGGAGCGAGCTCGAGAGATGCTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
1201 CATAGAGGAGCGAGCTCGAGAGATGCTGTTTTCCCTAAGGTGAATGAAGCAGGTGA 1260  
1261 ATTCCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320  
1261 ATTCCGGCTGATTTCTGGTCCAAAGGAAAGCGCTAACTTCCAAACTGGAACATAAAGATT 1320  
1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGGAAACAGATAGAGA 1380  
1321 AAATATCTCGGTTGACTGAGCTTCAATCATGGATCTGTGACTGGAAACAGATAGAGA 1380  
1381 AGATGATTTTGAATGGAATCCTCTGATCGAGATATGCTATTGGCTTCTATATGCGCAGT 1440  
1381 AGATGATTTTGAATGGAATCCTCTGATCGAGATATGCTATTGGCTTCTATATGCGCAGT 1440  
1441 TCGGCTTGGAGGTCACAAAGAAAGACATGGCGATTTGAAACTTCTCTACCTGACCT 1500  
1441 TCGGCTTGGAGGTCACAAAGAAAGACATGGCGATTTGAAACTTCTCTACCTGACCT 1500  
1501 GCAACCCCAAGCAACTTCTGTTGCTTCTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560  
1501 GCAACCCCAAGCAACTTCTGTTGCTTCTGATTAACCGGCTGGCGGAGACAAAGTCGG 1560  
1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACTGCTGATGAGGAGGAGAACACGAG 1620  
1561 GAAACTTCGAGTGTGTTGTAAGAAACAGTAACTGCTGATGAGGAGGAGAACACGAG 1620  
1621 TGAGATGAAAGTGAAGGAGGAGGAAATTCAGTTGATCAAGGAACTGATGTACCAA 1680  
1621 TGAGATGAAAGTGAAGGAGGAGGAAATTCAGTTGATCAAGGAACTGATGTACCAA 1680  
1681 AAGCATCAATTTTGAAGCAGAACTGGCGAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740  
1681 AAGCATCAATTTTGAAGCAGAACTGGCGAAGGGCAAAACCGGCGAAATCGCAGTGGATGG 1740  
1741 CGTCTGCTTGTGTTTCAAGCTTATGTCAGATAGGCTTTTATCTGTGATGACATGATTT 1800  
1741 CGTCTGCTTGTGTTTCAAGCTTATGTCAGATAGGCTTTTATCTGTGATGACATGATTT 1800  
1801 ACTATCTTTATATTGATTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
1801 ACTATCTTTATATTGATTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1860  
1861 GACCTCTGGCATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1920  
1861 GACCTCTGGCATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1920  
1921 TGTAAAGATGCGCTTTCTGTATAGATATGCAATATTTGCTTTTAAATPATCATATCATGT 1980  
1921 TGTAAAGATGCGCTTTCTGTATAGATATGCAATATTTGCTTTTAAATPATCATATCATGT 1980  
1981 ATCTCTCAGTCATTTCTGATATCTTCNCATATATATATATATATATATATATATATATAT 2040  
1981 ATCTCTCAGTCATTTCTGATATCTTCNCATATATATATATATATATATATATATATATAT 2040  
2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100

2041 TATCTCCCTCCTCNGTATATCTGATTTGTATANGTANGTANGTANGTANGTANGTANGT 2100  
2101 CATTTCTAGAAAAATAGAAAAAAGGACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
2101 CATTTCTAGAAAAATAGAAAAAAGGACAGAGAAATGTTTAACTGTTTGAATCTTTATGAT 2160  
2161 ACTTCTGGAAACTATGATCATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220  
2161 ACTTCTGGAAACTATGATCATCAAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGCTTT 2220  
2221 TCATAGCCAAACTTCTATATTAAATTTCTTTCTGTAATAATAA 2260  
2221 TCATAGCCAAACTTCTATATTAAATTTCTTTCTGTAATAATAA 2260

RESULT 60  
US-10-145-089A-118  
; Sequence 118, Application US/10145089A  
; Publication No. US20030180867A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Psoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C31  
; CURRENT APPLICATION NUMBER: US/10/145,089A  
; CURRENT FILING DATE: 2002-09-04  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12

```

; Remaining Prior Application data removed - See File Wrapper or PAML.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 118
; LENGTH: 2260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 2009, 2026, 2033, 2055, 2074, 2078, 2086
; OTHER INFORMATION: unknown base
US-10-145-089A-118

```

Query Match	99.7%	Score 2253	DB 15	Length 2260
Best Local Similarity	100.0%	Pred. No. 0		
Matches 2260	Conservative	0	Mismatches 0	Indels 0
Gaps	0			
QY	1	CGGACGCTGGTTCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCGC	60	
DB	1	CGGACGCTGGTTCGAGTGGAGCGGAGGACCGAGCGGCTGAGGAGAGAGAGGCGCGC	60	
QY	61	GCTTAGCTGCTACGCGGTTCGCGCGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGA	120	
DB	61	GCTTAGCTGCTACGCGGTTCGCGCGCGCGCCCTCCCGAGGGGGCTCAGGAGGAGGA	120	
QY	121	GGACCGCTGGAGAAATGCTTCGCCCTGGAGGCTTGGCGTCCCGCTGCTCTCTCTGG	180	
DB	121	GGACCGCTGGAGAAATGCTTCGCCCTGGAGGCTTGGCGTCCCGCTGCTCTCTCTGG	180	
QY	181	TGGCAGGTGGTTTCGGGAAACCGCGCCAGTCAAGGCATCACGGGTTGTTAGCATCGG	240	
DB	181	TGGCAGGTGGTTTCGGGAAACCGCGCCAGTCAAGGCATCACGGGTTGTTAGCATCGG	240	
QY	241	GTACGCTGGGTCTGTCACTATGGAACTAACTGGGCTGCTACGGCTGGAGAA	300	
DB	241	GTACGCTGGGTCTGTCACTATGGAACTAACTGGGCTGCTACGGCTGGAGAA	300	
QY	301	ACAGCAAGGGAGTCTGTCAAGCTACATCGCAACCTGGATGTAAGTTGGTGGTGGTGG	360	
DB	301	ACAGCAAGGGAGTCTGTCAAGCTACATCGCAACCTGGATGTAAGTTGGTGGTGGTGG	360	
QY	361	GACCAACAAATGAGATGCTTCCAGGATACACCGGAAACCTCGACTCAAGATGTGA	420	
DB	361	GACCAACAAATGAGATGCTTCCAGGATACACCGGAAACCTCGACTCAAGATGTGA	420	
QY	421	ATGAGTGTGGAATGAAACCCCGGGCCATGCCAACACAGATGTGGAATCACACGGAAGCT	480	
DB	421	ATGAGTGTGGAATGAAACCCCGGGCCATGCCAACACAGATGTGGAATCACACGGAAGCT	480	
QY	481	ACAAGTGTCTTTCCTCAGTGCCACATGCTCTATGCCAGATGCTACGTGTGTGAATCTTA	540	
DB	481	ACAAGTGTCTTTCCTCAGTGCCACATGCTCTATGCCAGATGCTACGTGTGTGAATCTTA	540	
QY	541	GGACATGTGCCATGATTAACCTGTAGTACAGCTGTGAAGACACAGAAAGAGGCGCCACAGT	600	
DB	541	GGACATGTGCCATGATTAACCTGTAGTACAGCTGTGAAGACACAGAAAGAGGCGCCACAGT	600	
QY	601	GCCTGTGTCATCTTCAGGACTTCGCCCTGGCGCCCAATGGAAGAGACTGTCTAGATATTG	660	
DB	601	GCCTGTGTCATCTTCAGGACTTCGCCCTGGCGCCCAATGGAAGAGACTGTCTAGATATTG	660	
QY	661	ATGAATGTGCTCTGGTAAAGTCATCTGCTCCCTACAATCGAAGATGTGTGAACACATTTG	720	
DB	661	ATGAATGTGCTCTGGTAAAGTCATCTGCTCCCTACAATCGAAGATGTGTGAACACATTTG	720	
QY	721	GAACTACTACTGCAAAATGTCATTTGTTTCGAACTGCAATATATCAGTGGACGATATG	780	
DB	721	GAACTACTACTGCAAAATGTCATTTGTTTCGAACTGCAATATATCAGTGGACGATATG	780	
QY	781	ACTGTATAGATATAAATGTAATGTAATGGAATGCCATACGTGACGCCACATGCCAAAT	840	
DB	781	ACTGTATAGATATAAATGTAATGTAATGGAATGCCATACGTGACGCCACATGCCAAAT	840	
QY	841	GCTTCAATACCCAAAGGGTCTCTTCAAGTGTAAATGCAAGCAGGATATAAAGGCAATGGAC	900	